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ABSTRACT

The report presents tabular data on occupation and years of school completed by age for the civilian labor force, by sex, race and Spanish origin, obtained from the 1980 Census/Equal Employment Opportunity (EEO) Special File. All tables list males and females separately for each category. Table 1 lists totals for 613 labor force categories, then Spanish origin workers in that category, then workers not of Spanish origin (White; Black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; and Others, e.g., such write-in Census entries as Eurasian, Mexican, Cuban, and Puerto Rican). For example, under Spanish origin, Table 1 shows 146 male and 34 female legislators, 9,548 male and 7,191 female postsecondary teachers, and 32,032 male and 74,280 female teachers other than postsecondary. Table 2 lists data for the 613 occupational categories, with columns for totals and each non-Spanish origin group. Table 3 shows years of school completed in 8 age ranges (from 16 to over 70 years) with columns for totals, Spanish origin people, and each non-Spanish origin group. Table 4 presents data for the same age ranges and years of schooling categories in columns for totals and the non-Spanish origin groups. (MH)

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# 1980 Census of Population

# Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

## SUPPLEMENTARY REPORT

PC80-S1-8

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Issued March 1983

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1980 Census of Population

# Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

## SUPPLEMENTARY REPORT

PC80-S1-8

## Contents


| | | Page |
|---|---|---|
| Introduction | | 1 |
| Definitions and Explanations | | 2 |
| Tables: | | |
| 1. | Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980 | 7 |
| 2. | Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980 | 18 |
| 3. | Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980 | 29 |
| 4. | Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980 | 30 |




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# Introduction

## BACKGROUND

This report presents data from the 1980 Census/Equal Employment Opportunity (EEO) Special File. The file was produced by the Bureau of the Census to help meet the needs of both government and private industry in planning EEO/Affirmative Action programs. Data from the 1980 Census of Population were used in preparing the file.

In 1978 the Census Bureau was contracted by a consortium of private companies to produce a set of special tabulations from the 1970 Census of Population that could be used for affirmative action program planning. Knowing that the demand would be even greater for these same types of data during the 1980's, the Census Bureau decided to produce the EEO Special File as a counterpart summary tape file using 1980 census data.

The following government agencies which are concerned with equal employment opportunity and civil rights issues contributed advice in establishing this file: the Equal Employment Opportunity Commission (EEOC); the Department of Labor, particularly the Office of Federal Contract Compliance Programs (OFCCP), the Employment and Training Administration (ETA), and the Office of Civil Rights; the Department of Justice; the Office of Personnel Management (OPM); and the Office of Federal Statistical Policy and Standards (OFSPS), which is now part of the Office of Management and Budget (OMB). The Census Bureau also received comments from companies in the private sector.

## CONTENTS OF THE TABLES

The tables present data by sex, race, and Spanish/Hispanic origin. Tables 1 and 2 show detailed occupation data; tables 3 and 4 present education by age data. The data are limited to United States totals. Comparable data for each State, county, and standard metropolitan statistical area (SMSA), and for each city with a population of 50,000 or more, are available from the EEO File in the form of computer summary tapes and microfiche. For further information on obtaining data for such areas, please write to the Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Census figures on the number of workers by occupation have generally been accepted as estimates for the number of workers who are "skilled." The number of "available skilled workers" is often needed for affirmative action plans or other EEO-related studies. The first two tables in this report address this need for work-experience data by furnishing counts of people in specific occupations.

Many entry-level jobs, apprenticeship programs, and other work situations, on the other hand, do not require a skill based on work experience (as measured by occupation) but instead require a certain level of educational attainment. Employers recruiting for such jobs or programs need to know the available pool of qualified potential applicants. The two tables for years of school completed by age of persons in the civilian labor force are designed to meet this need for data.

Summary Tape File 5 and the printed State reports, *Characteristics of the Population: Detailed Population Characteristics,* PC80-1-D, also will provide tables with other variables pertinent to affirmative action planning, such as income and earnings, veteran status, and occupation by industry.

## ACCURACY OF THE DATA

All the data shown in this report are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete-count results, because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error, which affects both sample and complete-count data, is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error, a description of the estimation procedure, and the method of calculating sampling errors are provided in the technical documentation for the EEO Special File. (Contact Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233 or call (301) 763-4100.) A similar detailed description of the accuracy of the data is contained in the Supplementary Report, *Advance Estimates of Social, Economic, and Housing Characteristics,* PHC80-S2.

## Definitions and Explanations

### REFERENCE WEEK

The data on labor force status relate to the calendar week preceding the week in which the respondents completed their questionnaires or were interviewed by enumerators. The reference week is not the same for all respondents because not all persons were enumerated during the same week. Since Census Day was April 1, 1980, the reference week for many respondents was the last week of March 1980.

### LABOR FORCE STATUS

**Civilian Labor Force**—The civilian labor force consists of persons classified as employed or unemployed according to the following criteria:

*Employed*—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

*Unemployed*—Persons are classified as unemployed if they are civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Although the EEO Special File and this report contain data for the entire civilian labor force, occupation data are shown only for the "recent-experienced" civilian labor force (defined as persons employed in 1980 or unemployed having civilian work experience between 1975-1980).

**Unemployed, No Civilian Work Experience Since 1975**—Persons are classified as unemployed with no civilian work experience since 1975 if they reported themselves as unemployed at the time of the 1980 census and one of the following: (1) their last job since 1975 was in the Armed Forces; or (2) they last worked in 1974 or earlier; or (3) they reported that they had never worked.

### OCCUPATION

The data on occupation were obtained for the employed, the experienced unemployed, and persons 16 years old and over with work experience but not currently in the labor force. For the last two categories, the occupation is the most recent job that a person held during the previous five years. For an employed person the information is about the job held during the reference week. Those who were employed at two or more jobs reported the job at which they worked the greatest number of hours during the reference week.

**Classification System**—The occupation statistics utilize the detailed classification system developed for the 1980 Census of Population. This classification consists of 503 specific occupation categories arranged into 6 summary and 13 major occupation groups. It is based on the 1980 *Standard Occupational Classification (SOC) Manual*, published by the U.S. Department of Commerce, Office of Federal Statistical Policy and Standards.

This report presents the 503 detailed occupation categories, plus a category for unemployed with no civilian work experience since 1975, and industry and class of worker subcategories for a few selected occupations. The publications *1980 Census of Population: Classified Index of Industries and Occupations*, PHC80-R4, U.S. Government Printing Office, Washington, D.C., 1982, and the SOC Manual provide information on the composition of the detailed categories.

**Comparability with 1970 Occupation Data**—Although the 1980 Census/EEO Special File is the counterpart file to the 1970 special tabulations, the 1980 data are not totally comparable to the 1970 data because of major differences between the classification systems used for coding occupations in 1970 and 1980. Prior to the 1980 census there was no government-wide standard on which to base the successive decennial census occupational classification system. In 1977 (revised in 1980) the Office of Federal Statistical Policy and Standards developed the SOC system for use by all Federal agencies. The 1980 census system is the first based on this SOC system.

One advantage of this new classification is greater consistency of occupation data among government sources. On the other hand, since many 1980 occupation groups and categories are only partially comparable to the ones in 1970, the differences will complicate EEO and other studies attempting to measure changes during the decade.

Some of the differences in the classification structure are as follows:

1. Working proprietors in sales and other sales managers who perform some of

the same duties as the workers they supervise are now classified as "sales supervisors" rather than "managers."
2. "Cashiers" and some "counter clerks, except food" were transferred from "clerical" to "sales workers."
3. The farming occupations were expanded to include related off-farm activities, so some former "laborers" (e.g., gardeners) were transferred to this group.
4. Some 1970 "operatives" were moved to "precision production occupations," such as "butchers and meat cutters," "dressmakers," "drywall installers," and "precision assemblers."
5. Conversely, some 1970 "craft workers" moved to "machine operators" or to "transportation and material moving occupations." Examples are "job setters" (those who set up a machine for others), "printing press operators," "locomotive operating occupations," and "excavating and loading machine operators."

A more detailed description of the changes in the classification systems and the data will be presented in a technical paper equivalent to the technical paper which compared the 1960 system to the 1970 system.[1]

## INDUSTRY AND CLASS OF WORKER

This report shows data on major industry and class of worker subcategories for selected occupation groups. The information on industry and class of worker refers to the same job as the respondent's occupation. The industry statistics are based on the 1980 census detailed classification system developed from the U.S. Standard Industrial Classification (SIC) system. Definitions of the class of worker categories shown in this report are as follows:

**Salaried Employees**—Persons who work for a private employer or for any Federal, State, or local governmental unit for wages, salary, commission, tips, pay-in-kind, or at piece rates; this category also includes persons who work as employees of their own incorporated business or trade.

**Self-employed**—Those who work for profit or fees in their own unincorporated business, profession, or trade, or who operate a farm, or who work without pay in a family business or farm.

## RACE

**Definition**—The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. The data, therefore, represent self-classification by people according to the race with which they identify.

For persons who could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category; in the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, and Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or reported such entries as Canadian Indian, French American Indian, or Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian, as well as persons who provided write-in entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category "Race, n.e.c." includes all persons not in the categories White, Black, American Indian, Eskimo and Aleut, and Asian and Pacific Islander mentioned previously. Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During the coding operations, each of the subgroups comprising "Race, n.e.c." as well as the write-in entries of Asian and Pacific Islander groups under the "Other" race category were identified separately. The Bureau plans to provide figures for the component groups in subsequent 1980 census reports.

If the race entry was missing on the questionnaire for a member of a household, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned.

**Comparability with 1970 Race Data**—Differences between the 1980 census and the 1970 census in reporting and processing seriously affect comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census; this difference in reporting has a substantial impact on the population totals and comparability for

[1] U.S. Bureau of the Census, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements*, (Technical Paper 26).

the "White" population, and the "Race, n.e.c.," or "Other" race population (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race as "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category.

As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." In 1980, a much larger proportion—38 percent—of Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 population totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

Data were collected separately for Eskimos and Aleuts in all states for the first time in the 1980 census. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes did not seriously affect the comparability of 1980 and 1970 data for the 'American Indian, Eskimo, and Aleut" population.

The 1980 data on the Asian and Pacific Islander population reflect a high level of immigration during the 1970's as well as a number of changes in census procedures. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded to include Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians, classified as "White" in 1970, were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census, but in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as "Asian and Pacific Islander" in the 1980 census; in 1970, most of these groups were included in the "Other" race category. Also, in 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970, Eskimo and Aleut were substituted for these two categories in Alaska. Since the numbers of Hawaiians and Koreans in Alaska were small, this change does not have a significant impact on the comparability of the 1980 and 1970 data.

## SPANISH ORIGIN

**Definition**—Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed in question 7 on the questionnaire—Mexican, Puerto Rican, or Cuban—as well as those who indicated that they were of other Spanish/Hispanic origin. Persons reporting "other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or they are Spanish origin persons identifying themselves generally as Spanish, Spanish American, Hispano, Latino, etc. Origin or descent can be viewed as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. Persons of Spanish origin may be of any race.

Persons of more than one type of Spanish origin and persons of both a Spanish and some other origin(s) who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, then the first origin reported by the person was recorded. If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the household member. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race.

**Limitations of the Spanish Origin Data**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few states in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population, or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Census of Population Supplementary Report, *Persons of Spanish Origin by State: 1980*, PC80-S1-7.

**Comparability with 1970 Spanish Origin Data**—The 1980 figures on Spanish origin are not directly comparable with 1970 Spanish origin totals because of several factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No, not Spanish/Hispanic" as the first category in that question. The corresponding category appeared last in the 1970 question. The category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; and the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin

was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

## AGE

The age classification is based on the age of the person in completed years as of April 1, 1980, and was determined from the response to questions on age at last birthday, and month and year of birth.

## YEARS OF SCHOOL COMPLETED

The data on years of school completed were based on the responses to the questions on the highest grade (or year) that the person had ever attended. Persons whose education was received in a foreign school system or an ungraded school were instructed to report the approximate equivalent grade in the regular American school system. If a person were currently attending or did not finish the highest grade attended, he or she was tabulated as having completed the previous grade or year.

## SYMBOL AND ABBREVIATIONS USED IN TABLES

A dash "—" represents zero. The following abbreviations have been used in the tables:

admin. – administrative
bldg. – building
constr. – construction
engr. – engineering
exc. – except
insps. – inspectors
instr. – instrument
lab. – laboratory
mach. – machine
mechs. – mechanics
misc. – miscellaneous
n.e.c. – not elsewhere classified
prep. – preparation
proprs. – proprietors
pub. – public
refrig. – refrigeration
reps. – representatives
tech. – technical
tng. – training
trans. – transportation

**Facsimile of questionnaire items 28–30**

28

A B C
D E F
G H J
K L M
0 1 2 3 4 5 6 7 8 9
AF
NW

**28–30. Current or most recent job activity**
*Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.*

**28. Industry**

a. **For whom did this person work?** *If now on active duty in the Armed Forces, print "AF" and skip to question 31.*

*(Name of company, business, organization, or other employer)*

b. **What kind of business or industry was this?**
*Describe the activity at location where employed.*

*(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)*

c. **Is this mainly** — *(Fill one circle)*

Manufacturing ■ ○ Retail trade
Wholesale trade ○ Other — *(agriculture, construction, service, government, etc.)*

29

N P Q
R S T
U V W
X Y Z
0 1 2 3 4 5 6 7 8 9

**29. Occupation**

a. **What kind of work was this person doing?**

*(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)*

b. **What were this person's most important activities or duties?**

*(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)*

**30. Was this person** — *(Fill one circle)*

Employee of private company, business, or individual, for wages, salary, or commissions ○ ■
Federal government employee ○
State government employee ○
Local government employee *(city, county, etc.)* ○
Self employed in own business, professional practice, or farm —
Own business not incorporated ○
Own business incorporated ○
Working without pay in family business or farm ○



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## Instructions to the respondent for questionnaire items 28–30

**28a.** If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

**b.** Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works.* Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

| Unacceptable | Acceptable |
|---|---|
| Furniture company | Metal furniture manufacturing |
| Grocery store | Wholesale grocery store |
| Oil company | Retail gas station |
| Ranch | Cattle ranch |

**c.** Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

**29a.** Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

| Unacceptable | Acceptable |
|---|---|
| Clerk | Production clerk |
| Helper | Carpenter's helper |
| Mechanic | Auto engine mechanic |
| Nurse | Registered nurse |

**b.** Print the most important things that the person does on the job. Some examples are shown on the census form.

**30.** If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark **Local government employee** for a teacher working in an elementary or secondary public school.

## Table 1. **Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980**

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER | 59 926 488 | 44 523 329 | 3 593 058 | 2 399 665 | 49 800 137 | 35 877 061 | 5 254 596 | 5 182 629 | 311 862 | 234 595 | 908 824 | 787 596 | 58 011 | 41 783 |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS | 13 457 369 | 9 196 289 | 408 036 | 282 284 | 12 127 714 | 7 888 028 | 566 139 | 795 567 | 43 086 | 39 644 | 298 879 | 182 775 | 13 515 | 7 991 |
| EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS | 7 209 661 | 3 168 857 | 224 874 | 110 178 | 6 560 433 | 2 755 972 | 277 215 | 226 986 | 22 687 | 14 626 | 118 663 | 58 355 | 5 789 | 2 740 |
| LEGISLATORS | 7 112 | 3 557 | 146 | 34 | 6 192 | 3 233 | 399 | 166 | 253 | 65 | 118 | 48 | 4 | 11 |
| CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION | 27 458 | 8 319 | 1 223 | 315 | 22 416 | 6 078 | 3 104 | 1 655 | 429 | 111 | 251 | 148 | 35 | 12 |
| ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION | 196 465 | 99 518 | 6 612 | 3 379 | 171 787 | 83 182 | 13 402 | 11 013 | 1 861 | 818 | 2 615 | 1 053 | 188 | 73 |
| ADMINISTRATORS, PROTECTIVE SERVICES | 23 769 | 2 468 | 555 | 101 | 22 141 | 2 053 | 824 | 270 | 144 | 21 | 98 | 16 | 7 | 7 |
| FINANCIAL MANAGERS | 281 218 | 128 626 | 7 553 | 3 822 | 261 088 | 116 748 | 6 792 | 5 989 | 402 | 317 | 5 242 | 1 676 | 141 | 74 |
| PERSONNEL AND LABOR RELATIONS MANAGERS | 140 747 | 79 198 | 6 247 | 3 206 | 124 144 | 68 296 | 8 051 | 6 198 | 439 | 302 | 1 777 | 1 142 | 89 | 54 |
| PURCHASING MANAGERS | 56 088 | 15 111 | 1 364 | 410 | 52 456 | 13 389 | 1 433 | 1 016 | 131 | 46 | 655 | 235 | 49 | 15 |
| MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS | 567 362 | 121 513 | 11 293 | 3 427 | 540 409 | 111 891 | 9 064 | 4 310 | 990 | 327 | 5 346 | 1 465 | 260 | 93 |
| ADMINISTRATORS, EDUCATION AND RELATED FIELDS | 239 766 | 147 772 | 6 113 | 4 672 | 210 678 | 121 224 | 20 124 | 19 193 | 945 | 1 050 | 1 718 | 1 532 | 158 | 101 |
| MANAGERS, MEDICINE AND HEALTH | 54 583 | 56 298 | 1 459 | 1 724 | 48 300 | 47 786 | 3 872 | 5 608 | 205 | 359 | 709 | 805 | 38 | 16 |
| MANAGERS, PROPERTIES AND REAL ESTATE | 117 835 | 92 237 | 7 246 | 2 948 | 100 921 | 73 054 | 7 659 | 4 879 | 564 | 493 | 1 317 | 824 | 128 | 39 |
| POSTMASTERS AND MAIL SUPERINTENDENTS | 17 731 | 13 632 | 350 | 165 | 16 701 | 13 140 | 506 | 122 | 109 | 141 | 63 | 62 | 2 | 2 |
| FUNERAL DIRECTORS | 36 786 | 3 510 | 494 | 78 | 34 931 | 2 711 | 3 180 | 691 | 89 | - | 81 | 36 | 11 | - |
| MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED | 3 404 912 | 1 253 749 | 105 960 | 42 019 | 3 120 455 | 1 111 272 | 112 058 | 75 664 | 9 748 | 5 482 | 53 899 | 18 142 | 2 792 | 1 170 |
| MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED | 419 697 | 154 149 | 16 117 | 6 075 | 377 417 | 136 580 | 12 241 | 4 697 | 1 258 | 635 | 12 124 | 6 003 | 540 | 159 |
| MANAGEMENT RELATED OCCUPATIONS | 1 618 132 | 999 200 | 52 142 | 37 803 | 1 452 397 | 845 335 | 74 476 | 85 515 | 5 120 | 4 459 | 32 650 | 25 174 | 1 347 | 914 |
| ACCOUNTANTS AND AUDITORS | 626 558 | 386 299 | 18 422 | 13 380 | 563 916 | 324 773 | 23 174 | 30 540 | 1 272 | 1 553 | 19 212 | 15 608 | 562 | 445 |
| UNDERWRITERS | 7 752 | 10 845 | 199 | 412 | 7 021 | 9 522 | 393 | 774 | 12 | 21 | 127 | 105 | - | 11 |
| OTHER FINANCIAL OFFICERS | 223 633 | 182 318 | 5 845 | 6 821 | 205 881 | 160 290 | 7 371 | 10 879 | 499 | 662 | 3 872 | 3 503 | 165 | 163 |
| MANAGEMENT ANALYSTS | 88 652 | 29 929 | 1 809 | 857 | 82 171 | 25 971 | 2 994 | 2 483 | 296 | 177 | 1 262 | 410 | 120 | 31 |
| PERSONNEL, TNG., AND LABOR RELATIONS SPECIALISTS | 224 039 | 198 780 | 10 900 | 10 203 | 189 001 | 158 162 | 20 077 | 25 952 | 1 275 | 1 247 | 2 582 | 3 084 | 204 | 132 |
| PURCHASING AGENTS AND BUYERS, FARM PRODUCTS | 17 933 | 1 547 | 417 | 74 | 16 805 | 1 336 | 565 | 126 | 46 | - | 94 | 11 | 6 | - |
| BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS | 93 192 | 74 639 | 2 812 | 2 126 | 86 634 | 68 006 | 2 184 | 3 218 | 190 | 180 | 1 326 | 1 040 | 46 | 69 |
| PURCHASING AGENTS AND BUYERS, N.E.C. | 130 769 | 60 979 | 3 484 | 1 625 | 121 340 | 54 711 | 4 224 | 3 762 | 463 | 254 | 1 193 | 592 | 65 | 35 |
| BUSINESS AND PROMOTION AGENTS | 13 780 | 6 827 | 611 | 168 | 12 183 | 6 227 | 806 | 321 | 34 | 25 | 134 | 70 | 12 | 7 |
| CONSTRUCTION INSPECTORS | 48 413 | 2 479 | 1 652 | 130 | 43 074 | 1 867 | 2 675 | 406 | 271 | 8 | 668 | 62 | 73 | 6 |
| INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR. | 128 935 | 27 909 | 5 592 | 1 511 | 111 472 | 20 939 | 9 111 | 4 710 | 659 | 244 | 2 015 | 497 | 86 | 8 |
| MANAGEMENT RELATED OCCUPATIONS, N.E.C. | 14 476 | 16 649 | 399 | 496 | 12 899 | 13 531 | 902 | 2 344 | 103 | 88 | 185 | 183 | 8 | 7 |
| PROFESSIONAL SPECIALTY OCCUPATIONS | 6 247 708 | 6 027 432 | 183 162 | 172 106 | 5 567 281 | 5 132 056 | 288 924 | 568 581 | 20 399 | 25 018 | 180 216 | 124 420 | 7 726 | 5 251 |
| ENGINEERS, ARCHITECTS, AND SURVEYORS | 1 465 220 | 75 080 | 34 611 | 2 572 | 1 327 091 | 64 250 | 34 441 | 4 822 | 3 457 | 262 | 63 559 | 3 068 | 1 861 | 106 |
| ARCHITECTS | 98 743 | 8 950 | 3 983 | 370 | 88 047 | 7 852 | 2 643 | 303 | 178 | 30 | 3 769 | 395 | 123 | - |
| ENGINEERS | 1 336 164 | 64 809 | 29 834 | 2 129 | 1 210 955 | 55 225 | 31 085 | 4 475 | 3 000 | 219 | 59 568 | 2 663 | 1 722 | 98 |
| AEROSPACE | 85 622 | 2 869 | 2 187 | 81 | 77 557 | 2 394 | 1 476 | 221 | 221 | - | 4 107 | 173 | 74 | - |
| METALLURGICAL AND MATERIALS | 23 260 | 1 279 | 439 | 42 | 21 397 | 1 095 | 463 | 80 | 19 | 21 | 893 | 41 | 49 | - |
| MINING | 9 700 | 341 | 267 | 28 | 9 078 | 301 | 100 | - | 61 | 7 | 194 | 5 | - | - |
| PETROLEUM | 22 235 | 819 | 419 | 28 | 20 883 | 719 | 315 | 31 | 96 | 6 | 475 | 35 | 47 | - |
| CHEMICAL | 54 487 | 3 015 | 976 | 110 | 49 349 | 2 490 | 947 | 205 | 70 | 8 | 3 075 | 186 | 70 | 16 |
| NUCLEAR | 8 897 | 343 | 181 | 17 | 7 949 | 298 | 128 | 10 | 22 | - | 597 | 18 | 20 | - |
| CIVIL | 198 029 | 6 006 | 5 407 | 159 | 174 802 | 5 081 | 4 692 | 368 | 544 | 24 | 12 206 | 352 | 378 | 22 |
| AGRICULTURAL | 8 115 | 390 | 82 | - | 7 845 | 353 | 62 | 23 | 4 | 7 | 122 | 7 | - | - |
| ELECTRICAL AND ELECTRONIC | 306 695 | 16 179 | 7 187 | 679 | 276 662 | 13 344 | 7 977 | 1 442 | 715 | 14 | 13 830 | 681 | 324 | 19 |
| INDUSTRIAL | 174 966 | 19 354 | 3 475 | 639 | 163 028 | 17 079 | 4 494 | 1 116 | 342 | 94 | 3 432 | 396 | 199 | 30 |
| MECHANICAL | 193 579 | 4 071 | 3 360 | 88 | 177 807 | 3 472 | 4 354 | 304 | 360 | 20 | 7 457 | 182 | 241 | 9 |
| MARINE AND NAVAL ARCHITECTS | 16 367 | 315 | 555 | 3 | 15 011 | 278 | 343 | 19 | 49 | 6 | 393 | 9 | 16 | - |
| ENGINEERS, N.E.C. | 238 210 | 9 828 | 5 299 | 255 | 213 589 | 8 321 | 5 734 | 656 | 497 | 12 | 12 787 | 578 | 304 | 6 |
| SURVEYORS AND MAPPING SCIENTISTS | 30 313 | 1 321 | 994 | 73 | 28 089 | 1 173 | 713 | 44 | 279 | 13 | 222 | 10 | 16 | 8 |
| MATHEMATICAL AND COMPUTER SCIENTISTS | 244 129 | 86 318 | 5 570 | 2 163 | 219 998 | 73 125 | 9 582 | 7 691 | 593 | 308 | 8 115 | 2 964 | 273 | 67 |
| COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS | 157 140 | 45 511 | 3 641 | 1 162 | 141 521 | 38 952 | 5 999 | 3 405 | 369 | 170 | 5 435 | 1 772 | 175 | 50 |
| OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS | 58 435 | 22 441 | 1 353 | 519 | 52 908 | 18 860 | 2 458 | 2 418 | 158 | 81 | 1 488 | 557 | 70 | 6 |
| ACTUARIES | 7 682 | 2 637 | 46 | 28 | 7 280 | 2 437 | 91 | 94 | - | - | 259 | 78 | 6 | - |
| STATISTICIANS | 15 684 | 14 516 | 398 | 439 | 13 711 | 11 917 | 786 | 1 595 | 41 | 57 | 733 | 497 | 15 | 11 |
| MATHEMATICAL SCIENTISTS, N.E.C. | 5 188 | 1 213 | 132 | 15 | 4 576 | 959 | 248 | 179 | 25 | - | 200 | 60 | 7 | - |
| NATURAL SCIENTISTS | 251 535 | 62 660 | 5 280 | 1 922 | 226 750 | 52 103 | 8 022 | 3 899 | 906 | 259 | 10 132 | 4 364 | 445 | 113 |
| PHYSICISTS AND ASTRONOMERS | 21 253 | 1 220 | 324 | 37 | 19 352 | 1 102 | 314 | 41 | 30 | - | 1 152 | 40 | 81 | - |
| CHEMISTS, EXCEPT BIOCHEMISTS | 81 699 | 20 540 | 1 794 | 792 | 70 725 | 15 849 | 3 571 | 1 456 | 145 | 56 | 5 322 | 2 348 | 142 | 39 |
| ATMOSPHERIC AND SPACE SCIENTISTS | 6 986 | 1 429 | 145 | 53 | 6 383 | 1 219 | 281 | 129 | 45 | 2 | 106 | 26 | 26 | - |
| GEOLOGISTS AND GEODESISTS | 40 985 | 5 142 | 776 | 63 | 38 969 | 4 768 | 488 | 205 | 85 | 10 | 621 | 91 | 46 | 9 |
| PHYSICAL SCIENTISTS, N.E.C. | 6 874 | 1 767 | 165 | 42 | 6 250 | 1 484 | 311 | 196 | 4 | 5 | 132 | 28 | 12 | 12 |
| AGRICULTURAL AND FOOD SCIENTISTS | 19 009 | 5 580 | 479 | 128 | 17 236 | 4 780 | 797 | 437 | 47 | 37 | 438 | 198 | 12 | - |
| BIOLOGICAL AND LIFE SCIENTISTS | 30 840 | 15 239 | 541 | 439 | 27 825 | 12 898 | 871 | 806 | 60 | 52 | 1 483 | 1 012 | 60 | 32 |
| FORESTRY AND CONSERVATION SCIENTISTS | 31 985 | 3 582 | 663 | 129 | 29 662 | 3 133 | 955 | 188 | 467 | 69 | 205 | 63 | 33 | - |
| MEDICAL SCIENTISTS | 11 904 | 8 161 | 393 | 239 | 10 348 | 6 870 | 434 | 441 | 23 | 28 | 673 | 558 | 33 | 25 |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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## Table 1. **Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| HEALTH DIAGNOSING OCCUPATIONS | 570 546 | 76 280 | 18 946 | 3 300 | 501 141 | 56 484 | 13 750 | 3 946 | 673 | 165 | 35 280 | 12 213 | 836 | 172 |
| PHYSICIANS | 375 289 | 57 966 | 16 283 | 2 570 | 317 142 | 40 700 | 10 090 | 3 153 | 386 | 127 | 30 656 | 11 262 | 732 | 154 |
| DENTISTS | 116 916 | 8 375 | 1 812 | 381 | 108 990 | 6 890 | 2 666 | 468 | 167 | 18 | 3 226 | 606 | 55 | 12 |
| VETERINARIANS | 29 797 | 4 558 | 251 | 137 | 28 706 | 4 216 | 402 | 120 | 56 | 6 | 359 | 73 | 23 | 6 |
| OPTOMETRISTS | 22 569 | 2 036 | 322 | 110 | 21 549 | 1 765 | 198 | 56 | 36 | 8 | 461 | 97 | 8 | - |
| PODIATRISTS | 7 124 | 657 | 62 | - | 6 805 | 538 | 203 | 78 | - | - | 54 | 41 | - | - |
| HEALTH DIAGNOSING PRACTITIONERS, N.E.C. | 18 851 | 2 688 | 216 | 102 | 17 954 | 2 375 | 191 | 71 | 28 | 6 | 444 | 134 | 18 | - |
| HEALTH ASSESSMENT AND TREATING OCCUPATIONS | 240 569 | 1 482 007 | 8 805 | 32 757 | 205 688 | 1 278 888 | 17 252 | 116 192 | 758 | 4 569 | 7 729 | 48 242 | 337 | 1 359 |
| REGISTERED NURSES | 52 755 | 1 232 544 | 2 610 | 24 930 | 42 605 | 1 071 709 | 5 363 | 90 009 | 175 | 3 681 | 1 892 | 41 054 | 110 | 1 161 |
| PHARMACISTS | 110 635 | 35 002 | 2 028 | 1 464 | 101 051 | 29 385 | 2 949 | 1 766 | 158 | 89 | 4 313 | 2 269 | 136 | 29 |
| DIETICIANS | 6 787 | 60 485 | 425 | 2 458 | 4 224 | 43 289 | 1 907 | 12 493 | 25 | 307 | 179 | 2 304 | 27 | 32 |
| THERAPISTS | 52 181 | 141 752 | 2 697 | 3 569 | 42 490 | 125 014 | 5 632 | 10 318 | 268 | 413 | 1 051 | 2 277 | 43 | 131 |
| INHALATION THERAPISTS | 21 179 | 27 559 | 1 524 | 1 062 | 16 916 | 22 919 | 2 124 | 2 982 | 90 | 118 | 519 | 451 | 6 | 27 |
| OCCUPATIONAL THERAPISTS | 1 499 | 16 257 | 58 | 272 | 1 [illegible] | 14 975 | 200 | 574 | 14 | 36 | 44 | 384 | - | 16 |
| PHYSICAL THERAPISTS | 11 234 | 31 841 | 404 | 872 | 9 552 | 28 245 | 993 | 1 937 | 33 | 78 | 244 | 681 | 8 | 28 |
| SPEECH THERAPISTS | 4 485 | 36 811 | 110 | 604 | 4 152 | 33 908 | 176 | 1 863 | 22 | 54 | 25 | 357 | - | 28 |
| THERAPISTS, N.E.C. | 13 784 | 29 284 | 601 | 792 | 10 687 | 24 967 | 2 139 | 2 962 | 109 | 127 | 219 | 404 | 29 | 32 |
| PHYSICIANS' ASSISTANTS | 18 211 | 12 226 | 1 045 | 706 | 15 318 | 9 491 | 1 901 | 1 606 | 132 | 79 | 294 | 338 | 21 | 6 |
| TEACHERS, POSTSECONDARY | 404 104 | 233 045 | 9 548 | 7 191 | 361 956 | 203 640 | 15 334 | 15 468 | 1 179 | 761 | 15 311 | 5 699 | 776 | 286 |
| EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS | 1 904 | 370 | 12 | 19 | 1 827 | 342 | 10 | - | 5 | - | 38 | 9 | 12 | - |
| BIOLOGICAL SCIENCE TEACHERS | 6 537 | 3 114 | 75 | 30 | 6 095 | 2 782 | 122 | 171 | 8 | 13 | 230 | 113 | 7 | 5 |
| CHEMISTRY TEACHERS | 6 671 | 1 711 | 117 | 39 | 6 040 | 1 531 | 148 | 58 | 15 | - | 351 | 83 | - | - |
| PHYSICS TEACHERS | 4 882 | 532 | 133 | 22 | 4 363 | 452 | 65 | 16 | 6 | - | 303 | 38 | 12 | 4 |
| NATURAL SCIENCE TEACHERS, N.E.C. | 637 | 194 | 24 | - | 588 | 184 | 6 | 10 | - | - | 19 | - | - | - |
| PSYCHOLOGY TEACHERS | 3 494 | 2 326 | 45 | 79 | 3 284 | 2 047 | 123 | 153 | 29 | - | 53 | 47 | - | - |
| ECONOMICS TEACHERS | 4 024 | 1 008 | 55 | 39 | 3 681 | 872 | 103 | 43 | - | - | 172 | 54 | 13 | - |
| HISTORY TEACHERS | 4 267 | 1 333 | 78 | 5 | 4 002 | 1 224 | 126 | 84 | - | - | 61 | 20 | - | - |
| POLITICAL SCIENCE TEACHERS | 1 677 | 389 | 19 | 4 | 1 451 | 375 | 110 | - | 6 | - | 78 | 10 | 13 | - |
| SOCIOLOGY TEACHERS | 2 263 | 944 | 33 | 23 | 2 016 | 816 | 129 | 87 | 10 | - | 62 | 18 | 13 | - |
| SOCIAL SCIENCE TEACHERS, N.E.C. | 1 301 | 708 | 52 | 42 | 1 192 | 642 | 23 | 12 | 16 | 6 | 27 | 6 | 11 | - |
| ENGINEERING TEACHERS | 9 719 | 1 253 | 201 | 25 | 8 670 | 1 115 | 317 | 70 | 38 | - | 487 | 36 | 6 | 7 |
| MATHEMATICAL SCIENCE TEACHERS | 11 390 | 5 307 | 311 | 81 | 10 004 | 4 555 | 496 | 438 | 58 | 7 | 507 | 221 | 14 | 5 |
| COMPUTER SCIENCE TEACHERS | 1 842 | 716 | 72 | 27 | 1 519 | 615 | 68 | 54 | 7 | - | 170 | 20 | 6 | - |
| MEDICAL SCIENCE TEACHERS | 6 891 | 2 123 | 225 | 51 | 6 141 | 1 939 | 175 | 81 | - | - | 319 | 45 | 31 | 7 |
| HEALTH SPECIALTIES TEACHERS | 2 596 | 16 955 | 34 | 333 | 2 360 | 15 159 | 139 | 1 093 | 12 | 61 | 51 | 303 | - | 6 |
| BUSINESS, COMMERCE, AND MARKETING TEACHERS | 4 022 | 3 594 | 58 | 100 | 3 651 | 3 180 | 169 | 259 | 20 | 10 | 117 | 45 | 7 | - |
| AGRICULTURE AND FORESTRY TEACHERS | 3 246 | 567 | 38 | 7 | 3 009 | 521 | 122 | 37 | 18 | - | 41 | 2 | 18 | - |
| ART, DRAMA, AND MUSIC TEACHERS | 14 718 | 13 667 | 286 | 194 | 13 448 | 12 458 | 773 | 673 | 64 | 54 | 135 | 272 | 12 | 16 |
| PHYSICAL EDUCATION TEACHERS | 5 382 | 3 626 | 133 | 50 | 4 722 | 3 319 | 432 | 194 | 26 | 20 | 69 | 35 | - | 8 |
| EDUCATION TEACHERS | 1 373 | 935 | 24 | 6 | 1 207 | 807 | 121 | 90 | 6 | - | 9 | 32 | 6 | - |
| ENGLISH TEACHERS | 10 538 | 12 865 | 268 | 286 | 9 740 | 11 664 | 302 | 700 | 8 | 45 | 192 | 148 | 28 | 22 |
| FOREIGN LANGUAGE TEACHERS | 4 039 | 5 915 | 451 | 817 | 3 331 | 4 689 | 56 | 129 | 6 | 3 | 184 | 254 | 11 | 23 |
| LAW TEACHERS | 3 301 | 811 | 49 | 16 | 3 125 | 711 | 104 | 78 | - | - | 19 | 6 | 4 | - |
| SOCIAL WORK TEACHERS | 329 | 481 | 11 | 35 | 306 | 318 | 12 | 105 | - | - | - | 23 | - | - |
| THEOLOGY TEACHERS | 2 809 | 767 | 35 | 18 | 2 664 | 704 | 64 | 25 | - | 8 | 46 | 12 | - | - |
| TRADE AND INDUSTRIAL TEACHERS | 2 490 | 1 105 | 37 | 17 | 2 221 | 993 | 183 | 95 | 8 | - | 36 | - | 5 | - |
| HOME ECONOMICS TEACHERS | 163 | 1 824 | - | 43 | 150 | 1 655 | 5 | 112 | - | 1 | 8 | 13 | - | - |
| TEACHERS, POSTSECONDARY, N.E.C. | 2 565 | 1 402 | 56 | 29 | 2 283 | 1 208 | 148 | 111 | - | 7 | 80 | 47 | - | - |
| POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED | 279 034 | 148 503 | 6 638 | 4 754 | 248 906 | 126 763 | 10 683 | 10 490 | 813 | 526 | 11 447 | 3 787 | 547 | 183 |
| TEACHERS, EXCEPT POSTSECONDARY | 1 086 775 | 2 635 345 | 32 032 | 74 280 | 961 398 | 2 234 580 | 76 392 | 286 545 | 4 504 | 11 086 | 11 494 | 27 238 | 955 | 1 616 |
| TEACHERS, PREKINDERGARTEN AND KINDERGARTEN | 6 564 | 176 774 | 363 | 7 532 | 4 687 | 142 126 | 1 273 | 24 171 | 79 | 1 099 | 157 | 1 673 | 5 | 173 |
| TEACHERS, ELEMENTARY SCHOOL | 569 823 | 1 749 547 | 17 661 | 48 768 | 497 935 | 1 471 072 | 45 830 | 203 147 | 2 207 | 7 190 | 5 627 | 18 451 | 563 | 919 |
| TEACHERS, SECONDARY SCHOOL | 374 203 | 486 603 | 9 138 | 12 357 | 339 579 | 423 635 | 20 751 | 44 252 | 1 479 | 1 807 | 3 014 | 4 205 | 242 | 347 |
| TEACHERS, SPECIAL EDUCATION | 10 138 | 22 680 | 269 | 422 | 8 982 | 19 646 | 693 | 2 364 | 68 | 107 | 118 | 129 | 8 | 12 |
| TEACHERS, N.E.C. | 126 047 | 199 741 | 4 601 | 5 201 | 110 215 | 178 101 | 7 845 | 12 611 | 671 | 883 | 2 578 | 2 780 | 137 | 165 |
| COUNSELORS, EDUCATIONAL AND VOCATIONAL | 90 587 | 107 669 | 4 162 | 4 208 | 73 447 | 83 405 | 10 607 | 17 183 | 1 059 | 1 379 | 1 219 | 1 395 | 93 | 99 |
| LIBRARIANS, ARCHIVISTS, AND CURATORS | 40 514 | 162 167 | 1 613 | 3 219 | 34 579 | 143 402 | 2 872 | 11 917 | 153 | 550 | 1 219 | 2 947 | 78 | 132 |
| LIBRARIANS | 32 779 | 154 600 | 1 348 | 3 028 | 27 836 | 136 708 | 2 347 | 11 366 | 120 | 499 | 1 056 | 2 876 | 72 | 123 |
| ARCHIVISTS AND CURATORS | 7 735 | 7 567 | 265 | 191 | 6 743 | 6 694 | 525 | 551 | 33 | 51 | 163 | 71 | 6 | 9 |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

## Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| SOCIAL SCIENTISTS AND URBAN PLANNERS | 136 114 | 81 744 | 3 540 | 2 090 | 123 917 | 71 234 | 5 429 | 6 653 | 431 | 319 | 2 604 | 1 312 | 193 | 136 |
| ECONOMISTS | 67 218 | 28 347 | 483 | 608 | 61 773 | 25 241 | 2 096 | 1 828 | 169 | 68 | 1 599 | 565 | 98 | 37 |
| PSYCHOLOGISTS | 49 102 | 43 827 | 1 379 | 1 128 | 44 635 | 37 766 | 2 362 | 4 100 | 143 | 193 | 515 | 546 | 68 | 94 |
| SOCIOLOGISTS | 1 489 | 1 061 | 40 | 32 | 1 294 | 927 | 111 | 42 | - | 12 | 44 | 48 | - | - |
| SOCIAL SCIENTISTS, N.E.C. | 8 177 | 5 300 | 251 | 189 | 7 483 | 4 739 | 214 | 242 | 38 | 30 | 172 | 95 | 19 | 5 |
| URBAN PLANNERS | 10 128 | 3 209 | 387 | 133 | 8 732 | 2 561 | 646 | 441 | 81 | 16 | 27. | 58 | 8 | - |
| SOCIAL, RECREATION, AND RELIGIOUS WORKERS | 461 205 | 368 967 | 18 511 | 18 068 | 387 898 | 276 331 | 45 513 | 66 588 | 2 535 | 2 939 | 6 277 | 4 556 | 471 | 485 |
| SOCIAL WORKERS | 161 258 | 298 726 | 11 758 | 15 474 | 118 446 | 215 573 | 26 559 | 60 946 | 1 623 | 2 565 | 2 601 | 3 765 | 271 | 403 |
| RECREATION WORKERS | 12 122 | 25 278 | 753 | 1 176 | 8 176 | 20 262 | 2 859 | 3 362 | 144 | 210 | 160 | 236 | 30 | 32 |
| CLERGY | 266 610 | 16 434 | 5 331 | 568 | 242 223 | 14 681 | 15 093 | 952 | 691 | 68 | 3 113 | 155 | 159 | 10 |
| RELIGIOUS WORKERS, N.E.C. | 21 215 | 28 529 | 669 | 850 | 19 053 | 25 815 | 1 002 | 1 328 | 77 | 96 | 403 | 400 | 11 | 40 |
| LAWYERS AND JUDGES | 455 642 | 74 037 | 7 448 | 2 035 | 433 739 | 65 944 | 10 386 | 4 747 | 880 | 257 | 2 834 | [illegible] | 355 | 93 |
| LAWYERS | 432 559 | 69 275 | 7 017 | 1 913 | 412 526 | 61 893 | 9 224 | 4 226 | 750 | 207 | 2 710 | 943 | 332 | 93 |
| JUDGES | 23 083 | 4 762 | 431 | 122 | 21 213 | 4 051 | 1 162 | 521 | 130 | 50 | 124 | 18 | 23 | - |
| WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES | 800 768 | 582 113 | 32 896 | 18 301 | 709 681 | 528 670 | 39 344 | 22 930 | 3 471 | 2 164 | 14 523 | 9 461 | 1 053 | 587 |
| AUTHORS | 25 909 | 20 339 | 591 | 356 | 23 809 | 19 094 | 592 | 616 | 85 | 64 | 276 | 166 | 56 | 43 |
| TECHNICAL WRITERS | 30 984 | 18 612 | 530 | 328 | 28 753 | 16 864 | 1 097 | 1 156 | 100 | 81 | 475 | 160 | 29 | 23 |
| DESIGNERS | 169 604 | 168 770 | 7 252 | 5 966 | 151 191 | 154 070 | 5 928 | 4 834 | 481 | 333 | 4 578 | 3 458 | 174 | 109 |
| MUSICIANS AND COMPOSERS | 99 065 | 41 491 | 5 473 | 719 | 84 413 | 38 021 | 7 157 | 1 942 | 486 | 152 | 1 393 | 628 | 143 | 29 |
| ACTORS AND DIRECTORS | 44 049 | 23 131 | 1 353 | 890 | 39 591 | 20 343 | 2 384 | 1 456 | 191 | 76 | 513 | 337 | 17 | 29 |
| PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS | 79 [illegible] | 73 717 | 4 052 | 1 573 | 69 374 | 68 794 | 3 316 | 1 474 | 653 | 415 | 1 938 | 1 388 | 112 | 73 |
| PHOTOGRAPHERS | 72 496 | 22 266 | 2 985 | 765 | 63 991 | 20 198 | 3 832 | 952 | 207 | 139 | 1 366 | 212 | 115 | - |
| DANCERS | 3 350 | 9 844 | 243 | 544 | 2 631 | 7 934 | 317 | 817 | 19 | 83 | 140 | 448 | - | 18 |
| ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C. | 29 356 | 20 297 | 1 656 | 570 | 25 242 | 18 416 | 1 693 | 807 | 220 | 126 | 484 | 313 | 61 | 65 |
| EDITORS AND REPORTERS | 106 942 | 103 889 | 3 585 | 3 922 | 97 766 | 93 820 | 3 292 | 4 161 | 271 | 339 | 1 866 | 1 499 | 162 | 148 |
| PUBLIC RELATIONS SPECIALISTS | 61 442 | 58 595 | 1 655 | 1 810 | 55 764 | 52 340 | 2 980 | 3 495 | 189 | 265 | 766 | 657 | 88 | 28 |
| ANNOUNCERS | 38 392 | 8 594 | 1 567 | 452 | 33 281 | 7 198 | 3 048 | 757 | 189 | 55 | 228 | 117 | 79 | 15 |
| ATHLETES | 40 234 | 12 568 | 1 954 | 406 | 33 875 | 11 578 | 3 708 | 463 | 180 | 36 | 500 | 78 | 17 | 7 |
| TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS | 11 001 736 | 19 881 842 | 515 756 | 896 665 | 9 476 556 | 16 809 297 | 758 025 | 1 742 329 | 37 547 | 86 828 | 202 923 | 310 261 | 10 929 | 16 462 |
| TECHNICIANS AND RELATED SUPPORT OCCUPATIONS | 1 721 531 | 1 391 081 | 68 629 | 47 314 | 1 492 328 | 1 089 582 | 95 394 | 159 778 | 7 405 | 6 651 | 55 595 | 36 390 | 2 180 | 1 366 |
| HEALTH TECHNOLOGISTS AND TECHNICIANS | 162 175 | 827 172 | 9 692 | 27 434 | 123 341 | 660 278 | 20 259 | 115 917 | 927 | 4 209 | 7 664 | 18 555 | 292 | 779 |
| CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS | 62 175 | 181 807 | 3 919 | 6 173 | 45 783 | 145 431 | 8 008 | 20 068 | 258 | 604 | 4 084 | 9 414 | 123 | 117 |
| DENTAL HYGIENISTS | 708 | 45 484 | 37 | 717 | 566 | 43 559 | 37 | 662 | - | 37 | 68 | 486 | - | 23 |
| HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS | 1 314 | 13 833 | 86 | 516 | 945 | 11 477 | 196 | 1 282 | 8 | 168 | 67 | 374 | 12 | 16 |
| RADIOLOGIC TECHNICIANS | 27 356 | 68 955 | 2 061 | 1 916 | 21 057 | 61 042 | 2 864 | 5 033 | 160 | 217 | 1 195 | 667 | 19 | 80 |
| LICENSED PRACTICAL NURSES | 14 764 | 420 412 | 734 | 14 328 | 10 652 | 322 480 | 2 910 | 74 942 | 128 | 2 662 | 322 | 5 575 | 18 | 425 |
| HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C. | 55 858 | 96 681 | 2 855 | 3 784 | 44 338 | 76 289 | 6 244 | 13 930 | 373 | 521 | 1 928 | 2 039 | 120 | 118 |
| TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH | 1 559 356 | 513 909 | 58 937 | 19 880 | 1 368 987 | 429 304 | 75 135 | 43 861 | 6 478 | 2 442 | 47 931 | 17 835 | 1 888 | 587 |
| ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS | 788 943 | 158 072 | 33 632 | 7 523 | 693 237 | 131 344 | 36 524 | 13 053 | 3 618 | 639 | 21 030 | 5 313 | 902 | 200 |
| ELECTRICAL AND ELECTRONIC TECHNICIANS | 235 581 | 30 603 | 9 852 | 2 123 | 204 079 | 23 362 | 12 442 | 3 663 | 893 | 146 | 7 974 | 1 265 | 341 | 44 |
| INDUSTRIAL ENGINEERING TECHNICIANS | 8 404 | 2 240 | 288 | 100 | 7 636 | 1 945 | 400 | 163 | 20 | 7 | 46 | 25 | 12 | - |
| MECHANICAL ENGINEERING TECHNICIANS | 14 588 | 1 004 | 458 | 72 | 13 108 | 838 | 637 | 86 | 35 | - | 321 | 8 | 29 | - |
| ENGINEERING TECHNICIANS, N.E.C. | 207 139 | 64 895 | 6 686 | 2 539 | 186 462 | 53 938 | 9 127 | 6 054 | 716 | 166 | 3 951 | 2 094 | 197 | 104 |
| DRAFTING OCCUPATIONS | 274 659 | 54 808 | 14 304 | 2 527 | 237 890 | 47 509 | 12 520 | 2 631 | 1 319 | 257 | 8 324 | 1 832 | 302 | 52 |
| SURVEYING AND MAPPING TECHNICIANS | 48 572 | 4 522 | 2 044 | 162 | 44 060 | 3 752 | 1 396 | 456 | 635 | 63 | 414 | 89 | 21 | - |
| SCIENCE TECHNICIANS | 132 393 | 60 467 | 5 523 | 2 870 | 113 885 | 49 877 | 8 477 | 5 660 | 482 | 243 | 3 660 | 1 758 | 166 | 59 |
| BIOLOGICAL TECHNICIANS | 26 901 | 19 503 | 1 264 | 975 | 23 059 | 16 393 | 1 706 | 1 521 | 144 | 47 | 693 | 555 | 35 | 12 |
| CHEMICAL TECHNICIANS | 56 768 | 16 655 | 2 168 | 684 | 48 437 | 13 570 | 4 497 | 1 838 | 153 | 78 | 1 455 | 470 | 58 | 15 |
| SCIENCE TECHNICIANS, N.E.C. | 48 724 | 24 309 | 2 091 | 1 211 | 42 389 | 19 914 | 2 474 | 2 301 | 185 | 118 | 1 512 | 733 | 73 | 32 |
| TECHNICIANS; EXC. HEALTH, ENGINEERING, & SCIENCE | 638 020 | 295 370 | 19 782 | 9 487 | 561 865 | 248 083 | 29 934 | 25 148 | 2 378 | 1 560 | 23 241 | 10 764 | 820 | 328 |
| AIRPLANE PILOTS AND NAVIGATORS | 75 149 | 1 039 | 1 194 | 78 | 72 545 | 922 | 630 | 26 | 285 | - | 445 | 13 | 50 | - |
| AIR TRAFFIC CONTROLLERS | 34 879 | 6 164 | 1 193 | 155 | 31 031 | 5 034 | 2 017 | 825 | 164 | 57 | 446 | 86 | 28 | 7 |
| BROADCAST EQUIPMENT OPERATORS | 40 707 | 32 015 | 1 422 | 1 287 | 36 355 | 27 330 | 2 230 | 2 730 | 361 | 454 | 286 | 191 | 53 | 23 |
| COMPUTER PROGRAMMERS | 218 716 | 98 957 | 6 079 | 2 680 | 193 052 | 82 561 | 9 890 | 7 856 | 604 | 268 | 8 845 | 5 478 | 246 | 116 |
| TOOL PROGRAMMERS, NUMERICAL CONTROL | 6 313 | 2 262 | 204 | 76 | 5 735 | 1 810 | 190 | 254 | - | 8 | 179 | 114 | 5 | - |
| LEGAL ASSISTANTS | 24 566 | 54 621 | 1 133 | 1 620 | 21 353 | 49 396 | 1 521 | 2 740 | 124 | 286 | 403 | 542 | 30 | 37 |
| TECHNICIANS, N.E.C. | 237 690 | 100 312 | 8 557 | 3 591 | 201 792 | 81 030 | 13 456 | 10 717 | 840 | 489 | 12 637 | 4 340 | 408 | 145 |

[1] PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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# Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| SALES OCCUPATIONS | 5 261 974 | 4 995 335 | 199 585 | 222 016 | 4 778 123 | 4 350 631 | 199 216 | 326 358 | 13 327 | 18 741 | 67 742 | 73 578 | 3 981 | 4 011 |
| SUPERVISORS & PROPRS., SALES OCCUPATIONS, SALARIED. | 812 207 | 318 974 | 32 422 | 11 319 | 738 055 | 288 037 | 27 249 | 14 357 | 2 363 | 1 082 | 11 567 | 3 958 | 551 | 221 |
| SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED. | 324 838 | 126 518 | 12 325 | 4 350 | 293 777 | 114 264 | 9 577 | 3 644 | 920 | 536 | 7 967 | 3 655 | 272 | 69 |
| SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES. | 1 192 820 | 653 562 | 28 [illegible] | 18 216 | 1 111 922 | 598 904 | 36 261 | 25 520 | 2 324 | 1 924 | 13 258 | 8 480 | 694 | 518 |
| INSURANCE SALES OCCUPATIONS | 423 736 | 144 128 | 10 136 | 4 471 | 390 114 | 125 577 | 17 834 | 11 478 | 714 | 379 | 4 723 | 2 072 | 215 | 151 |
| REAL ESTATE SALES OCCUPATIONS | 360 675 | 29[illegible] 700 | 8 248 | 6 363 | 338 869 | 282 238 | 7 939 | 4 995 | 855 | 819 | 4 492 | 3 135 | 272 | 150 |
| SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS. | 107 750 | 24 638 | 1 904 | 839 | 102 224 | 22 131 | 3 030 | 1 159 | 117 | 115 | 1 404 | 370 | 71 | 24 |
| ADVERTISING AND RELATED SALES OCCUPATIONS | 66 677 | 47 532 | 1 390 | 1 236 | 62 822 | 44 062 | 1 837 | 1 675 | 125 | 143 | 470 | 387 | 33 | 29 |
| SALES OCCUPATIONS, OTHER BUSINESS SERVICES. | 233 982 | 139 564 | 6 683 | 5 307 | 217 893 | 124 896 | 6 621 | 6 213 | 513 | 468 | 2 169 | 2 516 | 103 | 164 |
| SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL. | 1 112 852 | 188 394 | 29 719 | 7 975 | 1 048 465 | 168 444 | 23 869 | 8 492 | 2 100 | 660 | 8 095 | 2 648 | 604 | 175 |
| SALES ENGINEERS | 42 646 | 1 423 | 470 | 74 | 41 407 | 1 279 | 335 | 52 | 23 | 7 | 399 | 11 | 12 | - |
| SALES REPS., MINING, MANUFACTURING, & WHOLESALE | 1 070 206 | 186 971 | 29 249 | 7 901 | 1 007 058 | 167 165 | 23 534 | 8 440 | 2 077 | 653 | 7 696 | 2 637 | 592 | 175 |
| SALES WORKERS, RETAIL AND PERSONAL SERVICES | 1 806 647 | 3 692 620 | 96 391 | 17[illegible] 766 | 1 574 216 | 3 167 034 | 101 838 | 273 700 | 5 573 | 14 461 | 26 774 | 54 646 | 1 855 | 3 013 |
| SALES WORKERS, MOTOR VEHICLES AND BOATS | 260 889 | 22 219 | 10 574 | 847 | 239 195 | 20 280 | 8 694 | 803 | 751 | 100 | [illegible] 505 | 165 | 170 | 24 |
| SALES WORKERS, APPAREL. | 80 796 | 361 976 | 5 307 | 17 759 | 67 049 | 316 662 | 6 667 | 21 452 | 214 | 95[illegible] | 1 505 | 4 892 | 54 | 255 |
| SALES WORKERS, SHOES. | 50 331 | 65 611 | 4 461 | 3 158 | 39 703 | 57 723 | 5 280 | 3 919 | 132 | 190 | 661 | 589 | 94 | 32 |
| SALES WORKERS, FURNITURE AND HOME FURNISHINGS | 86 818 | 63 224 | 3 725 | 2 190 | 79 602 | 58 887 | 2 762 | 1 500 | 201 | 163 | 442 | 446 | 66 | 38 |
| SALES WORKERS; RADIO, TV, HI-FI, AND APPLIANCES | 82 233 | 33 093 | 3 074 | 1 470 | 74 619 | 29 608 | 3 530 | 1 623 | 182 | 71 | 784 | 296 | 44 | 25 |
| SALES WORKERS, HARDWARE AND BUILDING SUPPLIES | 145 769 | 48 495 | 5 625 | 1 402 | 134 769 | 45 574 | 3 844 | 884 | 365 | 148 | 1 095 | 454 | 71 | 33 |
| SALES WORKERS, PARTS. | 181 487 | 16 687 | 7 812 | 520 | 167 683 | 15 206 | 3 957 | 626 | 629 | 108 | 1 282 | 219 | 124 | 8 |
| SALES WORKERS, OTHER COMMODITIES. | 463 456 | 1 234 929 | 24 117 | 53 511 | 401 271 | 1 086 931 | 27 845 | 70 925 | 1 251 | 4 004 | 8 442 | 18 654 | 530 | 904 |
| SALES COUNTER CLERKS. | 25 398 | 70 507 | 1 305 | 2 899 | 21 980 | 59 880 | 1 607 | 6 356 | 84 | 260 | 396 | 1 087 | 26 | 25 |
| CASHIERS. | 310 338 | 1 565 502 | 25 686 | 89 364 | 242 249 | 1 284 746 | 31 062 | 156 141 | 1 279 | 7 544 | 9 517 | 26 229 | 545 | 1 478 |
| STREET AND DOOR-TO-DOOR SALES WORKERS | 47 848 | 174 861 | 2 165 | 5 600 | 42 269 | 159 272 | 2 663 | 7 715 | 210 | 744 | 487 | 1 370 | 54 | 160 |
| NEWS VENDORS. | 71 284 | 35 516 | 2 540 | 1 046 | 63 827 | 32 265 | 3 927 | 1 756 | 275 | 173 | 658 | 245 | 57 | 31 |
| SALES RELATED OCCUPATIONS | 12 610 | 15 267 | 367 | 390 | 11 688 | 13 948 | 422 | 645 | 47 | 78 | 81 | 191 | 5 | 15 |
| DEMONSTRATORS, PROMOTERS AND MODELS, SALES. | 2 665 | 10 065 | 121 | 233 | 2 340 | 9 236 | 154 | 418 | 24 | 38 | 21 | 129 | 5 | 11 |
| AUCTIONEERS | 5 932 | 1 010 | 105 | - | 5 715 | 910 | 73 | 4[illegible] | 16 | 32 | 23 | 19 | - | - |
| SALES SUPPORT OCCUPATIONS, N.E.C. | 4 013 | 4 192 | 141 | 157 | 3 633 | 3 802 | 195 | 178 | 7 | 8 | 37 | 43 | - | 4 |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL | 4 018 231 | 13 545 426 | 247 542 | 627 335 | 3 206 105 | 11 369 084 | 463 415 | 1 276 193 | 16 815 | 61 436 | 79 586 | 200 293 | 4 768 | 11 085 |
| SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS | 569 626 | 508 547 | 25 748 | 21 176 | 485 876 | 425 693 | 47 186 | 52 361 | 2 188 | 2 040 | 8 241 | 6 895 | 387 | 382 |
| SUPERVISORS, GENERAL OFFICE | 282 671 | 362 658 | 14 773 | 15 934 | 235 048 | 301 365 | 26 922 | 38 738 | 1 378 | 1 551 | 4 328 | 4 730 | 222 | 340 |
| SUPERVISORS, COMPUTER EQUIPMENT OPERATORS | 30 028 | 12 599 | 997 | 550 | 26 404 | 10 500 | 1 849 | 1 265 | 34 | 34 | 647 | 250 | 7 | - |
| SUPERVISORS, FINANCIAL RECORDS PROCESSING | 81 455 | 78 447 | 2 179 | 2 695 | 75 040 | 69 141 | 2 571 | 4 898 | 195 | 258 | 1 445 | 1 430 | 25 | 25 |
| CHIEF COMMUNICATIONS OPERATORS. | 44 101 | 23 104 | 1 185 | 714 | 40 226 | 18 925 | 2 140 | 3 253 | 131 | 69 | 395 | 141 | 24 | 2 |
| SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS | 131 371 | 31 739 | 6 614 | 1 283 | 109 068 | 25 762 | 13 704 | 4 207 | 450 | 128 | 1 426 | 344 | 109 | 15 |
| COMPUTER EQUIPMENT OPERATORS. | 171 529 | 249 052 | 9 912 | 11 800 | 135 707 | 201 159 | 19 699 | 29 542 | 730 | 1 142 | 5 286 | 5 132 | 195 | 277 |
| COMPUTER OPERATORS. | 161 936 | 233 611 | 9 344 | 11 052 | 128 308 | 188 669 | 18 393 | 27 674 | 679 | 1 100 | 5 017 | 4 850 | 195 | 266 |
| PERIPHERAL EQUIPMENT OPERATORS. | 9 593 | 15 441 | 568 | 748 | 7 399 | 12 490 | 1 306 | 1 868 | 51 | 42 | 269 | 282 | - | 11 |
| SECRETARIES, STENOGRAPHERS AND TYPISTS. | 80 845 | 4 746 055 | 5 355 | 195 229 | 63 476 | 4 127 605 | 9 164 | 344 827 | 544 | 21 227 | 2 161 | 53 656 | 145 | 3 511 |
| SECRETARIES | 49 249 | 3 949 973 | 2 579 | 149 187 | 40 911 | 3 518 594 | 4 316 | 224 859 | 287 | 16 103 | 1 096 | 38 499 | 60 | 2 731 |
| STENOGRAPHERS | 7 996 | 79 633 | 326 | 2 960 | 7 16[illegible] | 67 095 | 379 | 7 596 | 6 | 300 | 95 | 1 610 | 21 | 72 |
| TYPISTS | 23 600 | 716 449 | 2 450 | 43 082 | 15 396 | 541 916 | 4 469 | 112 372 | 251 | 4 824 | 970 | 13 547 | 64 | 708 |
| INFORMATION CLERKS. | 139 851 | 814 477 | 9 044 | 44 484 | 110 796 | 681 277 | 15 268 | 72 648 | 984 | 4 603 | 3 588 | 10 715 | 171 | 750 |
| INTERVIEWERS. | 33 654 | 115 244 | 2 174 | 5 756 | 25 647 | 93 471 | 4 839 | 12 731 | 541 | 1 295 | 434 | 1 517 | 19 | 75 |
| HOTEL CLERKS. | 21 113 | 45 269 | 1 112 | 1 718 | 17 890 | 39 676 | 1 374 | 2 707 | 100 | 280 | 606 | 864 | 31 | 24 |
| TRANSPORTATION TICKET AND RESERVATION AGENTS. | 43 617 | 59 332 | 2 953 | 3 552 | 34 974 | 47 088 | 4 076 | 6 620 | 139 | 205 | 1 416 | 1 775 | 59 | 92 |
| RECEPTIONISTS | 22 870 | 525 290 | 1 895 | 30 137 | 16 940 | 444 847 | 3 174 | 41 552 | 111 | 2 493 | 705 | 5 775 | 45 | 486 |
| INFORMATION CLERKS, N.E.C. | 18 597 | 69 342 | 910 | 3 321 | 15 345 | 55 795 | 1 805 | 9 038 | 93 | 330 | 427 | 784 | 17 | 74 |
| RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL. | 231 056 | 786 589 | 16 274 | 43 250 | 179 035 | 620 138 | 29 098 | 105 628 | 932 | 3 440 | 5 371 | 13 291 | 346 | 842 |
| CLASSIFIED-AD CLERKS. | 3 125 | 11 226 | 91 | 410 | 2 764 | 9 882 | 182 | 727 | 4 | 64 | 84 | 143 | - | - |
| CORRESPONDENCE CLERKS | 3 701 | 16 043 | 178 | 592 | 3 112 | 12 898 | 294 | 2 358 | 4 | 53 | 107 | 133 | 6 | 9 |
| ORDER CLERKS. | 106 311 | 219 604 | 8 613 | 12 208 | 83 628 | 178 007 | 12 163 | 25 962 | 400 | 673 | 1 354 | 2 553 | 153 | 201 |
| PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING. | 9 794 | 67 845 | 652 | 3 629 | 7 352 | 54 226 | 1 520 | 8 217 | 79 | 321 | 176 | 1 398 | 15 | 54 |
| LIBRARY CLERKS. | 27 535 | 119 226 | 1 540 | 4 509 | 21 238 | 98 506 | 3 202 | 12 807 | 148 | 486 | 1 351 | 2 735 | 56 | 183 |
| FILE CLERKS | 60 379 | 240 903 | 3 903 | 16 295 | 45 052 | 175 279 | 9 530 | 43 265 | 221 | 1 301 | 1 586 | 4 423 | 87 | 340 |
| RECORDS CLERKS. | 20 211 | 111 742 | 1 297 | 5 607 | 15 889 | 91 340 | 2 207 | 12 292 | 76 | 542 | 713 | 1 906 | 29 | 55 |

[1] PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

# Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES

| | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL--CON. | | | | | | | | | | | | | | |
| FINANCIAL RECORDS PROCESSING OCCUPATIONS. | 272 307 | 2 067 091 | 15 662 | 70 668 | 226 472 | 1 854 653 | 19 262 | 100 982 | 1 150 | 7 209 | 9 353 | 32 271 | 408 | 1 308 |
| BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS. | 194 630 | 1 700 843 | 11 278 | 54 536 | 161 953 | 1 744 183 | 12 945 | 69 267 | 767 | 5 865 | 7 370 | 25 971 | 317 | 1 021 |
| PAYROLL AND TIMEKEEPING CLERKS. | 28 067 | 137 782 | 1 368 | 5 527 | 23 470 | 11[illegible] | 2 378 | 11 140 | 148 | 628 | 668 | 1 969 | 35 | 130 |
| BILLING CLERKS. | 14 882 | 120 185 | 944 | 5 336 | 11 844 | 103 427 | 1 540 | 9 205 | 68 | 334 | 466 | 1 806 | 20 | 77 |
| COST AND RATE CLERKS. | 27 725 | 61 273 | 1 336 | 2 621 | 24 474 | 51 434 | 1 350 | 5 665 | 135 | 208 | 398 | 1 305 | 36 | 40 |
| BILLING, POSTING, & CALCULATING MACH. OPERATORS | 7 003 | 47 008 | 736 | 2 648 | 4 731 | 37 221 | 1 049 | 5 705 | 32 | 174 | 455 | 1 220 | - | 40 |
| DUPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS. | 21 424 | 40 790 | 1 598 | 2 287 | 15 168 | 30 700 | 3 743 | 6 751 | 73 | 242 | 726 | 750 | 116 | 60 |
| DUPLICATING MACHINE OPERATORS | 7 758 | 12 022 | 629 | 541 | 5 424 | 9 065 | 1 383 | 2 076 | 18 | 44 | 265 | 273 | 39 | 23 |
| MAIL PREPARING & PAPER HANDLING MACH. OPERATORS | 2 809 | 4 690 | 185 | 266 | 2 057 | 3 757 | 477 | 577 | 13 | 44 | 70 | 46 | 7 | - |
| OFFICE MACHINE OPERATORS, N.E.C. | 10 857 | 24 078 | 784 | 1 480 | 7 687 | 17 878 | 1 883 | 4 098 | 42 | 154 | 391 | 431 | 70 | 37 |
| COMMUNICATIONS EQUIPMENT OPERATORS. | 34 115 | 289 800 | 2 464 | 13 271 | 26 131 | 230 992 | 4 776 | 41 024 | 177 | 1 726 | 498 | 2 495 | 69 | 292 |
| TELEPHONE OPERATORS | 27 553 | 278 807 | 2 222 | 12 893 | 20 686 | 221 514 | 4 020 | 40 054 | 151 | 1 681 | 428 | 2 388 | 46 | 277 |
| TELEGRAPHERS. | 5 083 | 2 906 | 162 | 104 | 4 294 | 2 315 | 535 | 411 | 16 | 8 | 53 | 59 | 23 | 9 |
| COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C. | 1 479 | 8 087 | 80 | 274 | 1 151 | 7 163 | 221 | 559 | 10 | 37 | 17 | 48 | - | 6 |
| MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS | 562 281 | 240 061 | 32 820 | 9 718 | 424 148 | 171 409 | 93 178 | 54 060 | 1 718 | 1 154 | 9 836 | 3 543 | 581 | 177 |
| POSTAL CLERKS, EXC. MAIL CARRIERS | 175 047 | 98 105 | 9 649 | 3 195 | 125 367 | 60 050 | 35 375 | 32 586 | 509 | 520 | 4 033 | 1 682 | 114 | 72 |
| MAIL CARRIERS, POSTAL SERVICE | 226 463 | 34 111 | 10 373 | 961 | 186 459 | 28 848 | 26 111 | 3 881 | 661 | 167 | 2 685 | 236 | 174 | 18 |
| MAIL CLERKS, EXC. POSTAL SERVICE. | 94 076 | 85 124 | 7 355 | 4 445 | 64 983 | 64 548 | 19 169 | 14 387 | 393 | 353 | 2 019 | 1 310 | 157 | 81 |
| MESSENGERS. | 66 695 | 22 721 | 5 443 | 1 117 | 47 339 | 17 963 | 12 523 | 3 206 | 155 | 114 | 1 099 | 315 | 136 | 6 |
| MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. | 1 154 459 | 607 226 | 81 630 | 33 300 | 913 829 | 492 137 | 137 307 | 69 876 | 4 661 | 3 073 | 15 873 | 8 369 | 1 159 | 471 |
| DISPATCHERS | 67 779 | 31 213 | 2 432 | 1 231 | 60 585 | 26 202 | 3 905 | 3 170 | 213 | 257 | 578 | 345 | 66 | 8 |
| PRODUCTION COORDINATORS | 147 496 | 117 841 | 6 829 | 5 868 | 127 189 | 97 755 | 10 709 | 11 958 | 559 | 530 | 2 120 | 1 645 | 90 | 85 |
| TRAFFIC, SHIPPING, AND RECEIVING CLERKS | 392 387 | 121 013 | 37 128 | 7 954 | 293 476 | 97 614 | 54 953 | 13 298 | 1 450 | 614 | 4 967 | 1 464 | 413 | 69 |
| STOCK AND INVENTORY CLERKS. | 398 002 | 211 880 | 25 943 | 10 901 | 312 483 | 171 143 | 50 691 | 25 193 | 1 715 | 1 117 | 6 687 | 3 346 | 483 | 180 |
| METER READERS | 38 175 | 4 459 | 2 562 | 199 | 29 331 | 3 554 | 5 796 | 644 | 210 | 36 | 270 | 21 | 6 | 5 |
| WEIGHERS, MEASURERS, AND CHECKERS | 48 581 | 29 476 | 3 429 | 2 081 | 38 661 | 22 642 | 5 864 | 4 291 | 279 | 211 | 313 | 232 | 35 | 19 |
| SAMPLERS. | 1 472 | 1 196 | 52 | 48 | 1 284 | 1 036 | 128 | 106 | - | - | 28 | 6 | - | - |
| EXPEDITERS. | 50 597 | 59 744 | 2 650 | 2 625 | 42 971 | 49 370 | 4 107 | 6 734 | 155 | 212 | 654 | 734 | 60 | 69 |
| MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. | 9 970 | 30 404 | 605 | 2 393 | 7 869 | 22 821 | 1 154 | 4 482 | 80 | 96 | 256 | 576 | 6 | 36 |
| ADJUSTERS AND INVESTIGATORS | 199 792 | 331 705 | 8 173 | 16 198 | 173 927 | 263 630 | 13 916 | 43 772 | 697 | 1 442 | 2 864 | 6 071 | 215 | 292 |
| INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS | 66 505 | 100 553 | 1 639 | 3 698 | 60 481 | 80 663 | 3 242 | 13 572 | 163 | 267 | 900 | 2 207 | 80 | 146 |
| INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE | 98 059 | 157 138 | 3 666 | 7 693 | 81 658 | 125 693 | 6 856 | 20 263 | 410 | 643 | 1 389 | 2 742 | 80 | 84 |
| ELIGIBILITY CLERKS, SOCIAL WELFARE. | 4 511 | 20 207 | 687 | 1 949 | 2 961 | 13 541 | 555 | 3 983 | 29 | 186 | 249 | 536 | 30 | 12 |
| BILL AND ACCOUNT COLLECTORS | 34 717 | 53 807 | 2 181 | 3 158 | 28 827 | 43 733 | 3 263 | 5 934 | 95 | 346 | 326 | 586 | 25 | 50 |
| MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS. | 580 946 | 2 864 033 | 38 862 | 165 654 | 451 540 | 2 269 691 | 70 818 | 356 722 | 2 961 | 14 138 | 15 789 | 57 105 | 976 | 2 723 |
| GENERAL OFFICE CLERKS | 311 530 | 1 425 083 | 21 763 | 79 492 | 238 017 | 1 131 734 | 41 365 | 179 266 | 1 425 | 6 720 | 8 356 | 26 637 | 604 | 1 234 |
| BANK TELLERS. | 45 310 | 464 139 | 4 142 | 22 923 | 34 258 | 397 327 | 5 320 | 33 855 | 96 | 1 257 | 1 395 | 8 306 | 99 | 471 |
| PROOFREADERS. | 6 143 | 22 802 | 167 | 621 | 5 438 | 20 115 | 379 | 1 634 | 20 | 95 | 139 | 296 | - | 41 |
| DATA-ENTRY KEYERS | 29 973 | 364 842 | 2 553 | 22 402 | 21 095 | 267 202 | 4 731 | 60 256 | 138 | 1 489 | 1 419 | 13 033 | 37 | 460 |
| STATISTICAL CLERKS. | 36 003 | 107 549 | 1 631 | 4 771 | 29 499 | 85 707 | 3 971 | 14 585 | 92 | 605 | 762 | 1 803 | 48 | 78 |
| TEACHERS' AIDES | 16 163 | 199 546 | 1 923 | 22 828 | 9 983 | 138 177 | 3 132 | 33 906 | 323 | 2 435 | 765 | 2 053 | 37 | 147 |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C. | 135 824 | 280 072 | 6 683 | 12 617 | 113 250 | 229 429 | 11 920 | 31 220 | 867 | 1 537 | 2 953 | 4 977 | 151 | 292 |
| SERVICE OCCUPATIONS | 5 585 380 | 8 020 694 | 473 370 | 486 505 | 4 057 301 | 5 849 082 | 879 738 | 1 481 677 | 38 679 | 59 900 | 128 115 | 134 609 | 8 177 | 9 921 |
| PRIVATE HOUSEHOLD OCCUPATIONS | 29 494 | 597 451 | 2 753 | 56 211 | 15 651 | 286 296 | 9 698 | 243 030 | 216 | 3 256 | 1 101 | 7 613 | 75 | 1 045 |
| LAUNDERERS AND IRONERS. | 548 | 1 753 | 24 | 154 | 368 | 1 004 | 46 | 531 | - | 9 | 110 | 55 | - | - |
| COOKS, PRIVATE HOUSEHOLD. | 1 590 | 10 231 | 107 | 699 | 680 | 4 214 | 537 | 5 091 | 6 | 65 | 260 | 143 | - | - |
| HOUSEKEEPERS AND BUTLERS. | 2 489 | 66 531 | 352 | 11 470 | 1 116 | 28 310 | 869 | 24 717 | 20 | 375 | 117 | 1 511 | - | 19 |
| CHILD CARE WORKERS, PRIVATE HOUSEHOLD | 4 130 | 155 785 | 208 | 8 810 | 3 254 | 127 240 | 557 | 16 829 | 28 | 892 | 74 | 1 723 | 15 | 148 |
| PRIVATE HOUSEHOLD CLEANERS AND SERVANTS | 20 737 | 363 151 | 2 062 | 35 078 | 10 233 | 125 528 | 7 689 | 195 862 | 162 | 1 915 | 540 | 4 181 | 9 | 291 |
| PROTECTIVE SERVICE OCCUPATIONS. | 1 359 969 | 181 932 | 59 984 | 7 944 | 1 122 137 | 137 062 | 156 731 | 33 723 | 9 183 | 1 605 | 10 865 | 1 420 | 1 069 | 178 |
| SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS | 92 010 | 4 171 | 2 570 | 212 | 82 391 | 3 097 | 5 882 | 750 | 438 | 91 | 693 | 15 | 36 | 6 |
| SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS. | 20 750 | 109 | 307 | 6 | 19 616 | 93 | 514 | 10 | 133 | - | 169 | - | 11 | - |
| SUPERVISORS, POLICE AND DETECTIVES. | 49 561 | 1 745 | 1 413 | 90 | 45 074 | 1 262 | 2 544 | 330 | 231 | 37 | 285 | - | 14 | - |
| SUPERVISORS, GUARDS | 21 699 | 2 317 | 850 | 116 | 17 701 | 1 722 | 2 824 | 410 | 74 | 54 | 239 | 15 | 11 | 6 |

[1] PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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# Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES

| | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| SERVICE OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| PROTECTIVE SERVICE OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS | 211 483 | 4 243 | 7 566 | 197 | 188 117 | 3 594 | 12 885 | 319 | 1 457 | 114 | 1 371 | 11 | 87 | 8 |
| FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS | 20 489 | 2 145 | 658 | 89 | 18 542 | 1 926 | 947 | 99 | 269 | 26 | 70 | 5 | 3 | - |
| FIREFIGHTING OCCUPATIONS | 190 994 | 2 098 | 6 908 | 108 | 169 575 | 1 668 | 11 938 | 220 | 1 188 | 88 | 1 301 | 6 | 84 | 8 |
| POLICE AND DETECTIVES | 522 165 | 45 514 | 21 227 | 2 023 | 444 117 | 32 967 | 49 807 | 9 690 | 3 662 | 531 | 2 943 | 253 | 409 | 50 |
| POLICE AND DETECTIVES, PUBLIC SERVICE | 390 921 | 24 848 | 15 044 | 1 154 | 339 637 | 18 273 | 31 005 | 4 913 | 2 654 | 319 | 2 341 | 143 | 240 | 44 |
| SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS | 54 714 | 7 901 | 2 490 | 336 | 47 275 | 6 205 | 4 256 | 1 280 | 378 | 39 | 260 | 35 | 52 | 6 |
| CORRECTIONAL INSTITUTION OFFICERS | 76 530 | 12 765 | 3 693 | 531 | 57 205 | 8 489 | 14 546 | 3 497 | 630 | 173 | 342 | 75 | 114 | - |
| GUARDS | 539 311 | 128 004 | 28 621 | 5 512 | 407 512 | 97 406 | 88 157 | 22 964 | 3 626 | 869 | 5 858 | 1 141 | 537 | 114 |
| CROSSING GUARDS | 12 805 | 33 777 | 346 | 1 279 | 10 881 | 26 923 | 1 457 | 5 357 | 28 | 142 | 93 | 64 | - | 10 |
| GUARDS AND POLICE, EXC. PUBLIC SERVICE | 499 152 | 77 942 | 27 245 | 3 741 | 377 863 | 55 429 | 84 626 | 16 904 | 3 412 | 665 | 5 480 | 1 022 | 526 | 81 |
| PROTECTIVE SERVICE OCCUPATIONS, N.E.C. | 22 354 | 16 385 | 1 030 | 492 | 18 768 | 15 050 | 2 074 | 703 | 186 | 62 | 285 | 55 | 11 | 23 |
| SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD | 4 195 917 | 7 241 311 | 410 633 | 422 350 | 2 919 513 | 5 425 724 | 713 309 | 1 204 924 | 29 280 | 55 039 | 116 149 | 125 576 | 7 033 | 7 698 |
| FOOD PREPARATION AND SERVICE OCCUPATIONS | 1 644 891 | 3 185 213 | 180 034 | 147 421 | 1 174 651 | 2 614 384 | 200 535 | 337 571 | 8 598 | 21 772 | 77 564 | 60 983 | 3 509 | 3 082 |
| SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS | 105 501 | 142 280 | 9 177 | 5 770 | 75 668 | 120 271 | 12 604 | 12 480 | 269 | 647 | 7 484 | 2 970 | 299 | 142 |
| BARTENDERS | 177 283 | 141 142 | 9 626 | 3 778 | 154 605 | 130 834 | 8 343 | 3 316 | 783 | 1 409 | 3 647 | 1 745 | 279 | 60 |
| WAITERS AND WAITRESSES | 180 165 | 1 325 928 | 22 937 | 49 223 | 125 048 | 1 182 121 | 17 530 | 60 132 | 572 | 7 257 | 13 524 | 25 960 | 554 | 1 235 |
| COOKS, EXCEPT SHORT ORDER | 578 320 | 771 878 | 62 899 | 40 361 | 395 493 | 559 396 | 81 863 | 151 862 | 3 460 | 7 288 | 33 394 | 12 224 | 1 211 | 747 |
| SHORT-ORDER COOKS | 49 916 | 30 826 | 3 194 | 1 048 | 39 107 | 23 899 | 6 507 | 5 290 | 248 | 191 | 793 | 359 | 67 | 39 |
| FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS | 40 098 | 171 867 | 3 502 | 9 881 | 30 839 | 143 358 | 4 388 | 14 057 | 177 | 896 | 1 105 | 3 537 | 87 | 138 |
| KITCHEN WORKERS, FOOD PREPARATION | 23 215 | 83 394 | 3 269 | 4 500 | 15 728 | 60 845 | 3 422 | 16 043 | 42 | 447 | 710 | 1 484 | 44 | 75 |
| WAITERS'/WAITRESSES' ASSISTANTS | 171 282 | 121 927 | 24 703 | 7 896 | 121 282 | 93 601 | 18 138 | 17 251 | 766 | 475 | 5 998 | 2 507 | 395 | 197 |
| MISCELLANEOUS FOOD PREPARATION OCCUPATIONS | 319 111 | 395 971 | 40 727 | 24 964 | 216 881 | 300 059 | 47 740 | 57 140 | 2 281 | 3 162 | 10 909 | 10 197 | 573 | 449 |
| HEALTH SERVICE OCCUPATIONS | 217 030 | 1 617 254 | 15 063 | 82 385 | 135 525 | 1 120 698 | 59 809 | 371 337 | 1 789 | 12 651 | 4 516 | 22 443 | 328 | 1 740 |
| DENTAL ASSISTANTS | 3 294 | 151 823 | 192 | 8 199 | 2 471 | 137 275 | 422 | 6 213 | 14 | 818 | 195 | 2 241 | - | 77 |
| HEALTH AIDES, EXCEPT NURSING | 45 375 | 246 674 | 3 723 | 13 754 | 29 882 | 185 389 | 9 920 | 42 382 | 417 | 1 501 | 1 386 | 3 445 | 47 | 203 |
| NURSING AIDES, ORDERLIES, AND ATTENDANTS | 168 361 | 1 209 757 | 11 148 | 60 432 | 103 172 | 798 034 | 49 467 | 322 742 | 1 358 | 10 332 | 2 935 | 16 757 | 281 | 1 460 |
| CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD | 1 930 692 | 1 049 412 | 181 242 | 99 597 | 1 308 786 | 597 717 | 397 143 | 319 993 | 15 678 | 9 616 | 25 350 | 21 046 | 2 493 | 1 443 |
| SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS | 83 593 | 33 226 | 6 096 | 2 648 | 62 256 | 20 394 | 13 883 | 9 289 | 499 | 198 | 780 | 685 | 79 | 12 |
| MAIDS AND HOUSEMEN | 163 281 | 510 277 | 23 123 | 53 927 | 84 946 | 267 929 | 50 333 | 169 797 | 1 024 | 4 948 | 3 554 | 12 856 | 301 | 820 |
| JANITORS AND CLEANERS | 1 631 534 | 498 623 | 146 349 | 42 567 | 1 123 121 | 305 257 | 325 796 | 138 341 | 13 899 | 4 416 | 20 334 | 7 440 | 2 035 | 602 |
| ELEVATOR OPERATORS | 16 869 | 5 113 | 3 107 | 329 | 9 824 | 2 418 | 3 655 | 2 317 | 47 | 27 | 195 | 22 | 41 | - |
| PEST CONTROL OCCUPATIONS | 35 413 | 2 173 | 2 567 | 126 | 28 639 | 1 719 | 3 476 | 249 | 209 | 27 | 487 | 43 | 37 | 9 |
| PERSONAL SERVICE OCCUPATIONS | 403 304 | 1 395 432 | 34 294 | 92 947 | 300 551 | 1 092 925 | 55 822 | 176 023 | 3 215 | 11 000 | 8 719 | 21 104 | 703 | 1 433 |
| SUPERVISORS, PERSONAL SERVICE OCCUPATIONS | 16 293 | 12 707 | 754 | 506 | 13 858 | 11 029 | 1 270 | 948 | 45 | 42 | 339 | 160 | 27 | 22 |
| BARBERS | 90 939 | 14 521 | 7 686 | 821 | 72 342 | 11 419 | 9 664 | 1 621 | 401 | 136 | 768 | 518 | 78 | 6 |
| HAIRDRESSERS AND COSMETOLOGISTS | 68 469 | 490 785 | 6 410 | 29 448 | 56 329 | 418 362 | 4 305 | 33 212 | 393 | 2 075 | 918 | 7 299 | 114 | 389 |
| ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES | 64 768 | 40 155 | 3 728 | 2 003 | 52 744 | 32 156 | 6 328 | 4 103 | 505 | 410 | 1 354 | 1 412 | 109 | 71 |
| GUIDES | 11 998 | 16 013 | 808 | 635 | 8 646 | 12 595 | 1 328 | 1 720 | 116 | 69 | 1 089 | 958 | 11 | 36 |
| USHERS | 16 318 | 7 716 | 1 098 | 340 | 13 420 | 6 248 | 1 412 | 911 | 42 | 41 | 332 | 171 | 14 | 5 |
| PUBLIC TRANSPORTATION ATTENDANTS | 15 280 | 54 641 | 1 631 | 2 114 | 9 545 | 46 348 | 3 278 | 4 608 | 90 | 144 | 700 | 1 338 | 36 | 89 |
| BAGGAGE PORTERS AND BELLHOPS | 19 980 | 1 510 | 2 146 | 134 | 10 174 | 915 | 6 721 | 389 | 84 | 17 | 815 | 55 | 40 | - |
| WELFARE SERVICE AIDES | 7 075 | 53 730 | 904 | 5 319 | 3 867 | 29 047 | 1 751 | 18 004 | 306 | 676 | 218 | 630 | 29 | 54 |
| CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD | 41 872 | 570 794 | 4 232 | 43 075 | 26 142 | 428 453 | 9 633 | 86 276 | 865 | 6 475 | 889 | 5 951 | 111 | 564 |
| PERSONAL SERVICE OCCUPATIONS, N.E.C. | 50 312 | 132 860 | 4 897 | 8 552 | 33 484 | 96 353 | 10 132 | 24 231 | 368 | 915 | 1 297 | 2 612 | 134 | 197 |
| FARMING, FORESTRY, AND FISHING OCCUPATIONS | 2 581 013 | 451 251 | 243 748 | 54 277 | 2 108 448 | 353 888 | 177 460 | 31 965 | 19 039 | 3 073 | 30 357 | 7 637 | 1 961 | 411 |
| FARM OPERATORS AND MANAGERS | 1 184 637 | 130 136 | 17 001 | 1 968 | 1 133 795 | 122 848 | 23 702 | 3 435 | 3 188 | 566 | 6 621 | 1 301 | 326 | 18 |
| FARMERS, EXCEPT HORTICULTURAL | 1 032 759 | 111 944 | 10 339 | 1 254 | 1 000 652 | 107 776 | 14 326 | 1 580 | 2 673 | 467 | 4 521 | 849 | 248 | 18 |
| HORTICULTURAL SPECIALTY FARMERS | 11 589 | 2 256 | 414 | 66 | 10 188 | 2 035 | 624 | 46 | 42 | 7 | 261 | 102 | - | - |
| MANAGERS, FARMS, EXCEPT HORTICULTURAL | 127 216 | 13 363 | 5 098 | 555 | 112 934 | 10 925 | 7 239 | 1 573 | 388 | 78 | 1 479 | 232 | 78 | - |
| MANAGERS, HORTICULTURAL SPECIALTY FARMS | 13 073 | 2 573 | 1 094 | 93 | 10 021 | 2 112 | 1 513 | 236 | 85 | 14 | 360 | 118 | - | - |
| FARM OCCUPATIONS, EXCEPT MANAGERIAL | 758 060 | 217 897 | 163 706 | 42 231 | 498 391 | 148 600 | 77 748 | 20 901 | 6 883 | 1 393 | 10 441 | 4 559 | 891 | 213 |
| SUPERVISORS, FARM WORKERS | 44 769 | 9 021 | 8 967 | 828 | 31 641 | 6 595 | 2 634 | 1 308 | 368 | 78 | 1 119 | 203 | 40 | 9 |
| FARM WORKERS | 694 666 | 192 432 | 150 025 | 39 694 | 454 362 | 129 105 | 74 210 | 18 611 | 6 438 | 1 217 | 8 795 | 3 609 | 836 | 196 |
| MARINE LIFE CULTIVATION WORKERS | 613 | 720 | 22 | 70 | 502 | 336 | 32 | 108 | 24 | 12 | 33 | 194 | - | - |
| NURSERY WORKERS | 18 012 | 15 724 | 4 692 | 1 639 | 11 886 | 12 564 | 872 | 874 | 53 | 86 | 494 | 553 | 15 | 8 |

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## Table 1. **Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| RELATED AGRICULTURAL OCCUPATIONS | 436 316 | 90 765 | 56 981 | 9 630 | 309 425 | 72 624 | 53 225 | 6 [illegible] | 4 020 | 648 | 12 130 | 1 627 | 535 | 172 |
| SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS | 19 335 | 1 617 | 1 315 | 152 | 16 799 | 1 238 | 911 | 208 | 149 | 6 | 155 | 8 | 6 | 5 |
| GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM | 382 258 | 30 357 | 51 670 | 2 630 | 266 459 | 22 665 | 48 459 | 3 841 | 3 607 | 373 | 11 600 | 798 | 463 | 50 |
| ANIMAL CARETAKERS, EXCEPT FARM | 29 300 | 42 172 | 2 263 | 861 | 23 278 | 39 898 | 3 326 | 848 | 160 | 184 | 207 | 327 | 66 | 54 |
| GRADERS AND SORTERS, AGRICULTURAL PRODUCTS | 4 476 | 16 423 | 1 674 | 5 979 | 2 136 | 8 666 | 416 | 1 147 | 95 | 85 | 135 | 487 | - | 59 |
| INSPECTORS, AGRICULTURAL PRODUCTS | 947 | 196 | 59 | 8 | 753 | 157 | 93 | 20 | 9 | - | 33 | 7 | - | 4 |
| FORESTRY AND LOGGING OCCUPATIONS | 142 054 | 8 381 | 3 454 | 286 | 115 508 | 6 538 | 19 575 | 1 180 | 3 110 | 301 | 275 | 68 | 139 | 8 |
| SUPERVISORS, FORESTRY AND LOGGING WORKERS | 8 385 | 277 | 137 | 6 | 7 566 | 259 | 469 | 8 | 171 | 4 | 22 | - | 20 | - |
| FORESTRY WORKERS, EXCEPT LOGGING | 22 837 | 5 216 | 1 461 | 226 | 18 447 | 4 086 | 2 111 | 646 | 684 | 206 | 94 | 52 | 40 | - |
| TIMBER CUTTING AND LOGGING OCCUPATIONS | 110 832 | 2 888 | 1 856 | 54 | 89 495 | 2 193 | 16 995 | 526 | 2 255 | 91 | 159 | 16 | 72 | 8 |
| FISHERS, HUNTERS, AND TRAPPERS | 59 946 | 4 072 | 2 602 | 162 | 51 329 | 3 278 | 3 210 | 385 | 1 838 | 165 | 890 | 82 | 77 | - |
| CAPTAINS AND OTHER OFFICERS, FISHING VESSELS | 6 875 | 259 | 367 | 5 | 6 095 | 216 | 194 | 23 | 131 | 2 | 88 | 13 | - | - |
| FISHERS | 51 137 | 3 563 | 2 195 | 139 | 43 458 | 2 864 | 2 976 | 340 | 1 639 | 151 | 802 | 69 | 71 | - |
| HUNTERS AND TRAPPERS | 1 934 | 250 | 40 | 18 | 1 780 | 198 | 40 | 22 | 68 | 12 | - | - | 6 | - |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS | 12 498 566 | 1 055 961 | 734 432 | 93 144 | 10 768 389 | 806 315 | 798 247 | 119 502 | 74 841 | 7 487 | 112 958 | 28 293 | 9 699 | 1 220 |
| MECHANICS AND REPAIRERS | 3 847 955 | 134 560 | 214 553 | 8 247 | 3 336 009 | 105 863 | 239 352 | 17 640 | 19 616 | 822 | 39 499 | 1 870 | 2 926 | 118 |
| SUPERVISORS, MECHANICS AND REPAIRERS | 157 181 | 4 749 | 5 423 | 199 | 144 792 | 4 044 | 5 043 | 384 | 649 | 27 | 1 201 | 95 | 73 | - |
| MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS | 3 690 774 | 129 811 | 205 130 | 8 048 | 3 191 217 | 101 819 | 234 309 | 17 256 | 18 967 | 795 | 38 298 | 1 775 | 2 853 | 118 |
| VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS | 1 658 236 | 21 793 | 104 835 | 1 508 | 1 417 093 | 16 778 | 106 550 | 3 008 | 9 458 | 166 | 18 914 | 315 | 1 386 | 18 |
| AUTOMOBILE MECHANICS, EXC. APPRENTICES | 948 358 | 12 025 | 81 126 | 869 | 804 190 | 9 206 | 65 414 | 1 693 | 5 186 | 69 | 11 585 | 177 | 857 | 11 |
| AUTOMOBILE MECHANIC APPRENTICES | 4 031 | 99 | 282 | - | 3 233 | 93 | 407 | 6 | 39 | - | 70 | - | - | - |
| BUS, TRUCK, AND STATIONARY ENGINE MECHANICS | 152 862 | 1 128 | 7 748 | 40 | 132 134 | 948 | 10 774 | 118 | 888 | 11 | 1 185 | 11 | 133 | - |
| AIRCRAFT ENGINE MECHANICS | 94 915 | 2 407 | 6 628 | 226 | 79 773 | 1 660 | 5 634 | 452 | 677 | 31 | 2 092 | 38 | 111 | - |
| SMALL ENGINE REPAIRERS | 35 713 | 631 | 1 111 | 25 | 32 875 | 560 | 1 122 | 41 | 211 | - | 377 | 5 | 17 | - |
| AUTOMOBILE BODY AND RELATED REPAIRERS | 205 450 | 2 372 | 17 141 | 176 | 172 590 | 1 828 | 12 471 | 288 | 1 034 | 15 | 2 088 | 65 | 166 | - |
| AIRCRAFT MECHANICS, EXC. ENGINE | 14 209 | 1 333 | 1 008 | 54 | 11 994 | 1 038 | 877 | 186 | 74 | 35 | 233 | 13 | 23 | 7 |
| HEAVY EQUIPMENT MECHANICS | 157 266 | 1 322 | 7 445 | 59 | 138 995 | 1 053 | 8 610 | 204 | 1 091 | - | 1 042 | 6 | 83 | - |
| FARM EQUIPMENT MECHANICS | 45 432 | 476 | 2 346 | 59 | 41 309 | 392 | 1 241 | 20 | 258 | 5 | 262 | - | 16 | - |
| INDUSTRIAL MACHINERY REPAIRERS | 472 288 | 14 695 | 21 267 | 776 | 414 235 | 11 879 | 31 080 | 2 052 | 2 298 | 104 | 3 067 | 67 | 341 | 17 |
| MACHINERY MAINTENANCE OCCUPATIONS | 45 307 | 1 805 | 2 329 | 124 | 37 461 | 1 441 | 4 754 | 207 | 394 | 10 | 337 | 18 | 37 | 5 |
| ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS | 596 461 | 50 669 | 27 172 | 3 119 | 525 940 | 39 823 | 33 130 | 6 619 | 2 347 | 260 | 7 472 | 810 | 400 | 38 |
| ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT | 156 984 | 8 377 | 8 170 | 558 | 136 691 | 6 615 | 8 422 | 974 | 771 | 47 | 2 752 | 168 | 138 | 15 |
| DATA PROCESSING EQUIPMENT REPAIRERS | 43 329 | 3 932 | 1 550 | 227 | 38 477 | 3 214 | 2 397 | 394 | 123 | - | 740 | 97 | 42 | - |
| HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS | 80 291 | 2 483 | 3 861 | 173 | 71 795 | 2 033 | 3 413 | 234 | 275 | 10 | 930 | 27 | 17 | 6 |
| TELEPHONE LINE INSTALLERS AND REPAIRERS | 59 363 | 3 243 | 2 281 | 164 | 52 899 | 2 682 | 3 473 | 351 | 293 | 22 | 368 | 24 | 49 | - |
| TELEPHONE INSTALLERS AND REPAIRERS | 226 960 | 29 619 | 9 658 | 1 793 | 200 468 | 22 885 | 13 666 | 4 373 | 778 | 162 | 2 269 | 389 | 121 | 17 |
| MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS | 29 574 | 3 015 | 1 652 | 204 | 25 610 | 2 394 | 1 759 | 293 | 107 | 19 | 413 | 105 | 33 | - |
| HEATING, AIR CONDITIONING, & REFRIG. MECHS. | 150 170 | 1 525 | 8 098 | 114 | 132 939 | 1 123 | 7 131 | 257 | 625 | 26 | 1 315 | 5 | 62 | - |
| MISCELLANEOUS MECHANICS AND REPAIRERS | 768 312 | 39 128 | 41 434 | 2 407 | 663 549 | 30 775 | 51 664 | 5 113 | 3 845 | 229 | 7 193 | 560 | 627 | 40 |
| CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS | 35 748 | 4 821 | 2 047 | 325 | 31 536 | 3 639 | 1 273 | 655 | 66 | 31 | 779 | 171 | 44 | - |
| LOCKSMITHS AND SAFE REPAIRERS | 17 981 | 1 346 | 937 | 51 | 15 892 | 1 163 | 809 | 105 | 61 | - | 247 | 27 | 35 | - |
| OFFICE MACHINE REPAIRERS | 36 950 | 2 046 | 2 061 | 100 | 31 827 | 1 696 | 2 179 | 182 | 231 | 21 | 635 | 41 | 17 | 6 |
| MECHANICAL CONTROLS AND VALVE REPAIRERS | 27 240 | 1 082 | 1 714 | 65 | 22 678 | 858 | 2 500 | 149 | 193 | 3 | 142 | 7 | 13 | - |
| ELEVATOR INSTALLERS AND REPAIRERS | 20 377 | 395 | 879 | 10 | 18 293 | 261 | 911 | 124 | 54 | - | 240 | - | - | - |
| MILLWRIGHTS | 129 660 | 4 416 | 3 589 | 395 | 118 950 | 3 264 | 6 137 | 657 | 624 | 24 | 337 | 69 | 23 | 7 |
| SPECIFIED MECHANICS AND REPAIRERS, N.E.C. | 293 591 | 16 108 | 15 598 | 927 | 253 064 | 12 780 | 20 478 | 2 155 | 1 398 | 98 | 2 771 | 133 | 282 | 15 |
| NOT SPECIFIED MECHANICS AND REPAIRERS | 206 768 | 8 910 | 14 609 | 534 | 171 309 | 7 114 | 17 377 | 1 086 | 1 218 | 52 | 2 042 | 112 | 213 | 12 |

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| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| CONSTRUCTION TRADES | 4 712 023 | 102 094 | 277 310 | 6 015 | 4 057 017 | 81 275 | 306 625 | 12 272 | 36 155 | 1 302 | 31 291 | 1 119 | 3 625 | 111 |
| SUPERVISORS, CONSTRUCTION OCCUPATIONS | 777 628 | 13 204 | 31 315 | 580 | 706 819 | 11 212 | 30 369 | 1 173 | 4 137 | 103 | 4 543 | 129 | 445 | 7 |
| SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS | 5 005 | 43 | 281 | - | 4 416 | 43 | 259 | - | 22 | - | 27 | - | - | - |
| SUPERVISORS, CARPENTERS AND RELATED WORKERS | 35 553 | 252 | 1 328 | 41 | 32 999 | 187 | 779 | 24 | 159 | - | 276 | - | 12 | - |
| SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS | 36 547 | 459 | 1 009 | 13 | 34 463 | 406 | 648 | 32 | 121 | - | 298 | 8 | 8 | - |
| SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS | 10 655 | 161 | 762 | - | 9 304 | 131 | 403 | 30 | 78 | - | 102 | - | 6 | - |
| SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS | 17 391 | 94 | 612 | - | 16 283 | 94 | 302 | - | 65 | - | 122 | - | 7 | - |
| SUPERVISORS, N.E.C. | 672 477 | 12 195 | 27 323 | 526 | 609 354 | 10 351 | 27 978 | 1 087 | 3 692 | 103 | 3 718 | 121 | 412 | 7 |
| CONSTRUCTION TRADES, EXCEPT SUPERVISORS | 3 934 395 | 88 890 | 245 995 | 5 435 | 3 350 198 | 70 063 | 276 256 | 11 099 | 32 018 | 1 199 | 26 748 | 990 | 3 180 | 104 |
| BRICKMASONS & STONEMASONS, EXCEPT APPRENTICES | 202 971 | 2 274 | 12 123 | 144 | 158 184 | 1 602 | 29 719 | 478 | 1 434 | 29 | 1 357 | 10 | 154 | 11 |
| BRICKMASON AND STONEMASON APPRENTICES | 3 135 | 142 | 155 | 8 | 2 506 | 111 | 446 | 16 | 7 | - | 11 | 7 | 10 | - |
| TILE SETTERS, HARD AND SOFT | 31 897 | 641 | 3 067 | 37 | 26 178 | 527 | 2 196 | 77 | 139 | - | 259 | - | 58 | - |
| CARPET INSTALLERS | 86 334 | 1 493 | 7 117 | 86 | 73 673 | 1 240 | 4 514 | 120 | 528 | 6 | 437 | 41 | 65 | - |
| CARPENTERS, EXCEPT APPRENTICES | 1 275 666 | 20 225 | 71 587 | 1 206 | 1 119 773 | 15 961 | 62 958 | 2 491 | 11 780 | 297 | 8 548 | 244 | 1 020 | 26 |
| CARPENTER APPRENTICES | 9 281 | 696 | 620 | 35 | 7 756 | 552 | 668 | 83 | 128 | 9 | 81 | 12 | 28 | 5 |
| DRYWALL INSTALLERS | 95 170 | 2 130 | 8 323 | 106 | 81 351 | 1 787 | 3 778 | 196 | 1 110 | 13 | 516 | 15 | 92 | 13 |
| ELECTRICIANS, EXCEPT APPRENTICES | 594 781 | 12 171 | 22 934 | 762 | 534 953 | 9 336 | 28 019 | 1 680 | 3 274 | 171 | 5 224 | 207 | 377 | 15 |
| ELECTRICIAN APPRENTICES | 17 833 | 1 028 | 925 | 29 | 15 606 | 859 | 997 | 110 | 177 | - | 91 | 21 | 37 | 9 |
| ELECTRICAL POWER INSTALLERS AND REPAIRERS | 103 062 | 1 801 | 3 334 | 84 | 92 235 | 1 391 | 6 463 | 279 | 640 | 26 | 355 | 14 | 35 | 7 |
| PAINTERS, CONSTRUCTION AND MAINTENANCE | 398 079 | 24 391 | 38 902 | 1 727 | 314 020 | 19 447 | 38 085 | 2 639 | 2 929 | 341 | 3 668 | 225 | 475 | 12 |
| PAPERHANGERS | 14 106 | 3 129 | 642 | 68 | 12 756 | 2 986 | 566 | 36 | 53 | 20 | 75 | 19 | 14 | - |
| PLASTERERS | 28 360 | 540 | 4 042 | 32 | 19 363 | 351 | 4 485 | 140 | 250 | 8 | 203 | 9 | 17 | - |
| PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES | 483 423 | 6 221 | 25 242 | 423 | 420 332 | 4 735 | 31 742 | 931 | 3 104 | 81 | 2 678 | 51 | 325 | - |
| PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES | 12 000 | 360 | 435 | 6 | 10 790 | 330 | 558 | 17 | 107 | 7 | 110 | - | - | - |
| CONCRETE AND TERRAZZO FINISHERS | 74 498 | 856 | 10 607 | 87 | 45 792 | 440 | 16 944 | 307 | 758 | 17 | 341 | 5 | 56 | - |
| GLAZIERS | 32 024 | 1 516 | 2 112 | 103 | 28 201 | 1 249 | 1 192 | 158 | 169 | 6 | 311 | - | 39 | - |
| INSULATION WORKERS | 54 678 | 2 386 | 3 756 | 122 | 46 323 | 1 852 | 3 881 | 369 | 387 | 30 | 292 | 13 | 39 | - |
| PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS | 7 325 | 235 | 739 | 11 | 5 231 | 205 | 1 242 | 19 | 78 | - | 20 | - | 15 | - |
| ROOFERS | 126 025 | 1 383 | 10 994 | 58 | 98 860 | 976 | 13 866 | 282 | 1 497 | 49 | 682 | 18 | 126 | - |
| SHEETMETAL DUCT INSTALLERS | 28 602 | 420 | 1 417 | 13 | 26 070 | 367 | | 740 | 28 | 122 | 6 | 247 | - | 6 |
| STRUCTURAL METAL WORKERS | 88 164 | 1 067 | 4 129 | 45 | 77 814 | 796 | 4 422 | 171 | 1 277 | 25 | 481 | 30 | 41 | - |
| DRILLERS, EARTH | 23 503 | 507 | 921 | 33 | 21 116 | 420 | 1 199 | 54 | 202 | - | 65 | - | - | - |
| CONSTRUCTION TRADES, N.E.C. | 143 478 | 3 278 | 11 872 | 210 | 111 315 | 2 543 | 17 576 | 418 | 1 868 | 58 | 696 | 49 | 151 | - |
| EXTRACTIVE OCCUPATIONS | 306 405 | 7 182 | 18 174 | 278 | 272 546 | 5 880 | 11 696 | 813 | 3 289 | 169 | 497 | 23 | 203 | 19 |
| SUPERVISORS, EXTRACTIVE OCCUPATIONS | 80 870 | 1 755 | 2 970 | 51 | 75 847 | 1 581 | 1 364 | 86 | 550 | 11 | 119 | 14 | 20 | 12 |
| DRILLERS, OIL WELL | 73 328 | 936 | 5 595 | 33 | 64 030 | 797 | 2 515 | 95 | 972 | 11 | 151 | - | 65 | - |
| EXPLOSIVES WORKERS | 10 661 | 341 | 821 | 6 | 8 707 | 264 | | 962 | 55 | 122 | 16 | 43 | - | 6 |
| MINING MACHINE OPERATORS | 90 463 | 2 751 | 5 267 | 97 | 80 085 | 2 207 | 3 830 | 342 | 1 136 | 96 | 110 | 9 | 35 | - |
| MINING OCCUPATIONS, N.E.C. | 51 083 | 1 399 | 3 521 | 91 | 43 877 | 1 031 | 3 025 | 235 | 509 | 35 | 74 | - | 77 | 7 |
| PRECISION PRODUCTION OCCUPATIONS | 3 632 183 | 812 125 | 228 395 | 78 604 | 3 102 817 | 613 297 | 240 574 | 88 777 | 15 781 | 5 194 | 41 671 | 25 281 | 2 945 | 972 |
| SUPERVISORS, PRODUCTION OCCUPATIONS | 1 605 489 | 282 570 | 80 404 | 23 997 | 1 405 783 | 225 446 | 99 781 | 27 420 | 5 832 | 1 420 | 12 736 | 4 009 | 953 | 278 |
| PRECISION METAL WORKING OCCUPATIONS | 973 998 | 66 029 | 54 213 | 6 134 | 849 101 | 48 780 | 54 480 | 8 999 | 4 991 | 720 | 10 330 | 1 256 | 883 | 140 |
| TOOL AND DIE MAKERS, EXCEPT APPRENTICES | 182 823 | 3 187 | 5 133 | 201 | 170 704 | 2 549 | 5 626 | 379 | 353 | 36 | 890 | 22 | 117 | - |
| TOOL AND DIE MAKER APPRENTICES | 7 563 | 317 | 235 | - | 6 953 | 257 | 319 | 60 | 6 | - | 45 | - | 5 | - |
| PRECISION ASSEMBLERS, METAL | 17 724 | 5 937 | 1 734 | 739 | 13 825 | 4 074 | 1 767 | 981 | 121 | 44 | 250 | 89 | 27 | 10 |
| MACHINISTS, EXCEPT APPRENTICES | 500 294 | 25 860 | 29 916 | 2 597 | 428 101 | 17 764 | 32 942 | 4 855 | 2 319 | 171 | 6 368 | 419 | 558 | 54 |
| MACHINIST APPRENTICES | 7 775 | 444 | 325 | 12 | 6 892 | 393 | 448 | 39 | 46 | - | 64 | - | - | - |
| BOILERMAKERS | 36 622 | 587 | 1 568 | 48 | 32 265 | 385 | 2 158 | 158 | 397 | - | 224 | - | 10 | - |
| PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS | 18 607 | 1 162 | 584 | 53 | 17 207 | 942 | 592 | 110 | 141 | 17 | 83 | 40 | - | - |
| PATTERNMAKERS AND MODEL MAKER, METAL | 18 409 | 2 010 | 506 | 241 | 17 130 | 1 533 | 607 | 89 | 71 | 5 | 80 | 133 | 15 | 9 |
| LAY-OUT WORKERS | 20 522 | 2 381 | 933 | 140 | 16 405 | 1 829 | 2 698 | 382 | 102 | 11 | 360 | 19 | 24 | - |
| PRECIOUS STONES AND METALS WORKERS (JEWELERS) | 25 603 | 12 364 | 4 365 | 1 388 | 19 179 | 9 423 | | 853 | 687 | 531 | 396 | 623 | 427 | 52 | 48 |
| ENGRAVERS, METAL | 9 503 | 5 844 | 632 | 412 | 8 280 | 4 979 | | 361 | 403 | 18 | 8 | 207 | 30 | 5 | 12 |
| SHEET METAL WORKERS, EXCEPT APPRENTICES | 126 162 | 5 191 | 8 106 | 256 | 110 081 | 4 074 | 5 903 | 760 | 878 | 31 | 1 124 | 65 | 70 | 7 |
| SHEET METAL WORKER APPRENTICES | 604 | 133 | 47 | 11 | 510 | 89 | 38 | 32 | 4 | 1 | 5 | - | - | - |
| MISCELLANEOUS PRECISION METAL WORKERS | 1 787 | 607 | 129 | 42 | 1 479 | 489 | 168 | 84 | 4 | - | 7 | 12 | - | - |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

## Table 1. **Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| PRECISION PRODUCTION OCCUPATIONS--CON. | | | | | | | | | | | | | | |
| PRECISION WOODWORKING OCCUPATIONS | 101 661 | 16 770 | 7 716 | 792 | 86 561 | 13 167 | 6 044 | 2 529 | 345 | 134 | 896 | 148 | 99 | - |
| PATTERNMAKERS AND MODEL MAKERS, WOOD | 4 462 | 128 | 115 | 6 | 4 246 | 119 | 57 | 3 | 8 | - | 36 | - | - | - |
| CABINET MAKERS AND BENCH CARPENTERS | 70 926 | 5 910 | 5 253 | 417 | 61 567 | 4 831 | 3 194 | 564 | 249 | 57 | 585 | 41 | 78 | - |
| FURNITURE AND WOOD FINISHERS | 22 423 | 9 535 | 2 087 | 267 | 17 448 | 7 268 | 2 537 | 1 869 | 69 | 77 | 261 | 54 | 21 | - |
| MISCELLANEOUS PRECISION WOODWORKERS | 3 850 | 1 197 | 261 | 102 | 3 300 | 949 | 256 | 93 | 19 | - | 14 | 53 | - | - |
| PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS | 125 971 | 153 695 | 21 377 | 17 478 | 89 505 | 111 066 | 11 853 | 15 888 | 629 | 1 048 | 2 417 | 8 020 | 190 | 195 |
| DRESSMAKERS | 6 805 | 97 154 | 1 208 | 11 890 | 4 239 | 67 918 | 1 061 | 10 300 | 53 | 753 | 224 | 6 195 | 20 | 98 |
| TAILORS | 37 567 | 24 458 | 7 575 | 3 064 | 24 771 | 17 279 | 3 925 | 2 702 | 88 | 115 | 1 119 | 1 230 | 89 | 68 |
| UPHOLSTERERS | 54 455 | 14 440 | 9 130 | 741 | 39 998 | 12 246 | 4 397 | 1 263 | 354 | 78 | 516 | 99 | 60 | 13 |
| SHOE REPAIRERS | 21 903 | 9 691 | 3 067 | 812 | 16 077 | 8 082 | 2 192 | 638 | 91 | 45 | 460 | 103 | 16 | 11 |
| APPAREL AND FABRIC PATTERNMAKERS | 2 000 | 2 197 | 166 | 223 | 1 734 | 1 729 | 49 | 101 | - | - | 51 | 139 | - | 5 |
| MISC. PRECISION APPAREL AND FABRIC WORKERS | 3 241 | 5 755 | 231 | 748 | 2 686 | 3 812 | 229 | 884 | 43 | 57 | 47 | 254 | 5 | - |
| PRECISION WORKERS, ASSORTED MATERIALS | 174 611 | 152 731 | 15 802 | 19 478 | 138 113 | 109 087 | 14 343 | 13 994 | 716 | 1 086 | 5 435 | 8 869 | 202 | 217 |
| HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS | 31 679 | 5 444 | 3 244 | 453 | 23 139 | 4 154 | 4 958 | 703 | 164 | 59 | 162 | 69 | 12 | 6 |
| PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS | 7 182 | 2 208 | 436 | 208 | 6 364 | 1 707 | 326 | 164 | 17 | 25 | 33 | 98 | 6 | 6 |
| OPTICAL GOODS WORKERS | 27 861 | 19 011 | 1 790 | 1 347 | 24 309 | 16 346 | 1 115 | 840 | 101 | 89 | 538 | 376 | 8 | 13 |
| DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS | 33 006 | 15 740 | 2 818 | 944 | 26 519 | 13 150 | 1 801 | 964 | 110 | 107 | 1 726 | 557 | 32 | 18 |
| BOOKBINDERS | 13 164 | 17 664 | 1 013 | 1 493 | 10 786 | 13 993 | 1 096 | 1 883 | 20 | 77 | 211 | 201 | 38 | 17 |
| ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS | 27 256 | 85 282 | 3 638 | 14 421 | 18 408 | 54 004 | 2 655 | 8 572 | 140 | 677 | 2 347 | 7 467 | 68 | 141 |
| MISCELLANEOUS PRECISION WORKERS, N.E.C. | 34 463 | 7 382 | 2 863 | 612 | 28 588 | 5 733 | 2 392 | 868 | 164 | 52 | 418 | 101 | 38 | 16 |
| PRECISION FOOD PRODUCTION OCCUPATIONS | 337 587 | 100 933 | 36 208 | 7 979 | 262 989 | 75 242 | 30 971 | 14 717 | 1 437 | 596 | 5 654 | 2 296 | 328 | 103 |
| BUTCHERS AND MEAT CUTTERS | 251 489 | 42 957 | 25 603 | 3 993 | 199 151 | 28 183 | 21 235 | 9 291 | 1 113 | 351 | 4 151 | 1 076 | 236 | 63 |
| BAKERS | 69 321 | 47 649 | 8 496 | 2 595 | 51 167 | 39 936 | 8 062 | 4 029 | 225 | 193 | 1 295 | 867 | 76 | 29 |
| FOOD BATCHMAKERS | 16 777 | 10 327 | 2 109 | 1 391 | 12 671 | 7 123 | 1 674 | 1 397 | 99 | 52 | 208 | 353 | 16 | 11 |
| PRECISION INSPECTORS, TESTERS, & RELATED WORKERS | 75 107 | 29 956 | 3 724 | 2 383 | 64 977 | 22 829 | 4 676 | 3 960 | 274 | 124 | 1 372 | 627 | 84 | 33 |
| INSPECTORS, TESTERS, & GRADERS | 74 030 | 27 359 | 3 688 | 2 084 | 64 010 | 21 169 | 4 617 | 3 366 | 274 | 109 | 1 366 | 598 | 75 | 33 |
| ADJUSTERS AND CALIBRATORS | 1 077 | 2 597 | 36 | 299 | 967 | 1 660 | 59 | 594 | - | 15 | 6 | 29 | 9 | - |
| PLANT AND SYSTEM OPERATORS | 237 759 | 9 441 | 8 951 | 363 | 205 788 | 7 680 | 18 426 | 1 270 | 1 557 | 66 | 2 831 | 56 | 206 | 6 |
| WATER AND SEWAGE TREATMENT PLANT OPERATORS | 32 233 | 1 062 | 1 131 | 72 | 27 857 | 868 | 2 729 | 118 | 229 | - | 252 | 4 | 35 | - |
| POWER PLANT OPERATORS | 26 393 | 1 357 | 594 | 50 | 23 798 | 1 097 | 1 581 | 198 | 205 | 7 | 205 | 5 | 10 | - |
| STATIONARY ENGINEERS | 129 221 | 4 169 | 4 395 | 178 | 112 412 | 3 452 | 9 542 | 466 | 726 | 32 | 2 030 | 35 | 116 | 6 |
| MISCELLANEOUS PLANT AND SYSTEM OPERATORS | 49 912 | 2 853 | 2 831 | 63 | 41 721 | 2 263 | 4 574 | 488 | 397 | 27 | 344 | 12 | 45 | - |
| OPERATORS, FABRICATORS, AND LABORERS | 14 501 489 | 5 486 486 | 1 185 717 | 545 013 | 11 095 034 | 3 918 251 | 1 981 625 | 867 203 | 95 770 | 33 917 | 130 089 | 116 028 | 13 254 | 6 074 |
| MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS | 5 979 555 | 4 102 014 | 539 983 | 428 858 | 4 556 231 | 2 888 170 | 779 067 | 657 707 | 32 638 | 23 933 | 65 458 | 98 678 | 6 178 | 4 668 |
| MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION | 3 862 464 | 2 681 581 | 359 456 | 293 399 | 2 916 524 | 1 855 795 | 522 436 | 446 584 | 19 294 | 15 597 | 40 706 | 67 219 | 4 048 | 2 987 |
| METALWORKING & PLASTIC WORKING MACH. OPERATORS | 648 729 | 144 609 | 45 877 | 8 830 | 532 878 | 114 739 | 61 538 | 19 053 | 2 948 | 712 | 4 851 | 1 167 | 637 | 108 |
| LATHE AND TURNING MACHINE SET-UP OPERATORS | 52 354 | 3 578 | 2 778 | 165 | 45 562 | 2 991 | 3 459 | 387 | 196 | 14 | 292 | 21 | 67 | - |
| LATHE AND TURNING MACHINE OPERATORS | 109 024 | 10 574 | 5 127 | 414 | 98 010 | 8 960 | 4 549 | 1 046 | 355 | 44 | 894 | 92 | 89 | 18 |
| MILLING AND PLANING MACHINE OPERATORS | 19 743 | 1 956 | 957 | 34 | 17 457 | 1 715 | 956 | 151 | 76 | 33 | 280 | 23 | 17 | - |
| PUNCHING AND STAMPING PRESS MACHINE OPERATORS | 120 535 | 56 791 | 9 534 | 3 626 | 95 363 | 45 377 | 14 034 | 7 286 | 667 | 185 | 789 | 279 | 148 | 38 |
| ROLLING MACHINE OPERATORS | 17 502 | 2 219 | 970 | 87 | 14 280 | 1 812 | 2 155 | 274 | 59 | 19 | 33 | 27 | 5 | - |
| DRILLING AND BORING MACHINE OPERATORS | 52 734 | 14 272 | 2 544 | 873 | 46 269 | 11 577 | 3 283 | 1 580 | 229 | 83 | 380 | 146 | 29 | 13 |
| GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS | 230 924 | 48 923 | 21 842 | 3 469 | 177 693 | 37 294 | 27 927 | 7 319 | 1 207 | 299 | 2 014 | 503 | 241 | 39 |
| FORGING MACHINE OPERATORS | 14 788 | 1 103 | 867 | 98 | 12 179 | 833 | 1 571 | 212 | 59 | 8 | 105 | 2 | 7 | - |
| NUMERICAL CONTROL MACHINE OPERATORS | 2 572 | 229 | 154 | 4 | 2 213 | 220 | 192 | 5 | 6 | - | - | - | 7 | - |
| MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS | 28 553 | 4 964 | 1 104 | 110 | 23 852 | 3 960 | 3 412 | 793 | 94 | 27 | 64 | 74 | 27 | - |
| FABRICATING MACHINE OPERATORS, N.E.C. | 22 895 | 12 337 | 2 182 | 795 | 18 234 | 9 978 | 2 219 | 1 385 | 92 | 82 | 163 | 80 | 5 | 17 |
| METAL AND PLASTIC PROCESSING MACHINE OPERATORS | 178 174 | 64 504 | 16 832 | 3 582 | 135 622 | 50 993 | 23 157 | 9 032 | 892 | 348 | 1 436 | 501 | 233 | 48 |
| MOLDING AND CASTING MACHINE OPERATORS | 103 617 | 54 660 | 8 535 | 2 733 | 81 033 | 43 415 | 12 786 | 7 794 | 472 | 273 | 706 | 403 | 85 | 42 |
| METAL PLATING MACHINE OPERATORS | 37 158 | 6 709 | 5 307 | 620 | 26 777 | 5 315 | 4 332 | 668 | 201 | 46 | 441 | 54 | 100 | 6 |
| HEAT TREATING EQUIPMENT OPERATORS | 23 521 | 1 402 | 1 363 | 78 | 18 873 | 1 066 | 3 045 | 235 | 83 | 16 | 129 | 7 | 28 | - |
| MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS | 13 878 | 1 733 | 1 627 | 151 | 8 939 | 1 197 | 2 994 | 335 | 136 | 13 | 162 | 37 | 20 | - |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.





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# Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| OPERATORS, FABRICATORS, AND LABORERS--CON. | | | | | | | | | | | | | | |
| MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON. | | | | | | | | | | | | | | |
| MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION--CON. | | | | | | | | | | | | | | |
| WOODWORKING MACHINE OPERATORS | 138 382 | 23 590 | 7 216 | 1 453 | 112 330 | 18 458 | 16 520 | 3 213 | 1 453 | 210 | 784 | 240 | 79 | 16 |
| WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS | 7 337 | 841 | 363 | 28 | 6 300 | 701 | 585 | 108 | 53 | - | 36 | 4 | - | - |
| SAWING MACHINE OPERATORS | 95 914 | 12 453 | 4 807 | 778 | 77 371 | 9 774 | 12 086 | 1 602 | 1 117 | 136 | 489 | 154 | 44 | 9 |
| SHAPING AND JOINING MACHINE OPERATORS | 5 705 | 3 677 | 334 | 201 | 4 511 | 2 871 | 788 | 504 | 21 | 36 | 35 | 58 | 16 | 7 |
| MAILING AND TACKING MACHINE OPERATORS | 3 109 | 1 635 | 303 | 129 | 2 452 | 1 272 | 312 | 234 | 23 | - | 13 | - | 6 | - |
| MISCELLANEOUS WOODWORKING MACHINE OPERATORS | 26 317 | 4 984 | 1 409 | 317 | 21 696 | 3 840 | 2 749 | 765 | 239 | 38 | 211 | 24 | 13 | - |
| PRINTING MACHINE OPERATORS | 323 023 | 119 376 | 20 632 | 5 732 | 274 209 | 102 440 | 22 902 | 9 214 | 1 238 | 467 | 3 708 | 1 396 | 334 | 127 |
| PRINTING MACHINE OPERATORS | 249 019 | 50 482 | 17 422 | 3 178 | 207 894 | 40 685 | 19 511 | 5 718 | 953 | 227 | 2 955 | 616 | 284 | 58 |
| PHOTOENGRAVERS AND LITHOGRAPHERS | 20 958 | 5 059 | 853 | 153 | 19 104 | 4 483 | 712 | 312 | 67 | 19 | 210 | 92 | 12 | - |
| TYPESETTERS AND COMPOSITORS | 31 205 | 39 310 | 1 161 | 1 069 | 28 395 | 36 421 | 1 166 | 1 311 | 116 | 115 | 355 | 343 | 12 | 51 |
| MISCELLANEOUS PRINTING MACHINE OPERATORS | 21 841 | 24 525 | 1 196 | 1 332 | 18 816 | 20 851 | 1 513 | 1 873 | 102 | 106 | 188 | 345 | 26 | 18 |
| TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS | 303 462 | 1 328 580 | 38 660 | 162 845 | 196 578 | 868 900 | 59 937 | 237 568 | 1 525 | 8 282 | 6 325 | 49 438 | 437 | 1 547 |
| WINDING AND TWISTING MACHINE OPERATORS | 27 637 | 83 775 | 657 | 1 239 | 20 504 | 60 720 | 6 260 | 20 917 | 118 | 416 | 84 | 478 | 14 | 5 |
| KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS | 26 330 | 48 567 | 1 939 | 1 277 | 19 099 | 34 967 | 4 958 | 10 989 | 135 | 846 | 193 | 466 | 6 | 22 |
| TEXTILE CUTTING MACHINE OPERATORS | 4 864 | 4 416 | 684 | 507 | 3 275 | 2 947 | 808 | 834 | 42 | 29 | 43 | 99 | 12 | - |
| TEXTILE SEWING MACHINE OPERATORS | 53 624 | 860 848 | 14 659 | 129 471 | 27 917 | 558 783 | 8 618 | 123 097 | 268 | 4 807 | 2 001 | 43 536 | 161 | 1 154 |
| SHOE MACHINE OPERATORS | 19 915 | 56 530 | 2 345 | 3 065 | 16 281 | 48 895 | 1 157 | 3 883 | 78 | 269 | 35 | 391 | 19 | 27 |
| PRESSING MACHINE OPERATORS | 26 716 | 80 571 | 5 582 | 10 233 | 12 174 | 38 833 | 7 190 | 29 617 | 108 | 508 | 1 592 | 1 258 | 70 | 122 |
| LAUNDERING AND DRY CLEANING MACHINE OPERATORS | 65 388 | 121 657 | 6 993 | 13 030 | 42 958 | 74 163 | 13 054 | 30 486 | 346 | 1 043 | 1 945 | 2 782 | 92 | 153 |
| MISCELLANEOUS TEXTILE MACHINE OPERATORS | 78 988 | 72 216 | 5 801 | 4 023 | 54 370 | 49 592 | 17 892 | 17 745 | 430 | 364 | 432 | 428 | 63 | 64 |
| MACHINE OPERATORS, ASSORTED MATERIALS | 2 247 799 | 988 585 | 228 057 | 110 162 | 1 646 673 | 690 287 | 336 163 | 167 119 | 11 146 | 5 496 | 23 437 | 14 397 | 2 323 | 1 124 |
| CEMENTING AND GLUING MACHINE OPERATORS | 19 158 | 17 378 | 1 730 | 1 236 | 14 061 | 13 332 | 3 068 | 2 490 | 160 | 160 | 118 | 150 | 21 | 10 |
| PACKAGING AND FILLING MACHINE OPERATORS | 56 113 | 65 029 | 6 857 | 8 424 | 39 486 | 44 486 | 8 626 | 9 972 | 283 | 521 | 813 | 1 570 | 48 | 56 |
| EXTRUDING AND FORMING MACHINE OPERATORS | 21 559 | 3 537 | 1 328 | 213 | 18 209 | 2 780 | 1 781 | 457 | 104 | 56 | 125 | 31 | 12 | - |
| MIXING AND BLENDING MACHINE OPERATORS | 99 328 | 12 268 | 7 338 | 830 | 72 801 | 9 027 | 17 690 | 2 057 | 459 | 96 | 957 | 246 | 83 | 12 |
| SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS | 66 374 | 6 180 | 3 143 | 481 | 54 547 | 4 311 | 7 900 | 1 287 | 322 | 38 | 441 | 63 | 21 | - |
| COMPRESSING & COMPACTING MACHINE OPERATORS | 15 857 | 6 761 | 1 188 | 517 | 11 495 | 5 022 | 2 950 | 1 109 | 79 | 25 | 131 | 63 | 14 | 25 |
| PAINTING AND PAINT SPRAYING MACH. OPERATORS | 143 719 | 27 419 | 17 843 | 2 390 | 107 169 | 20 850 | 16 481 | 3 697 | 769 | 153 | 1 310 | 292 | 147 | 37 |
| ROASTING & BAKING MACH. OPERATORS, FOOD | 6 178 | 1 044 | 575 | 68 | 4 534 | 759 | 1 013 | 181 | 22 | 14 | 34 | 22 | - | - |
| WASHING, CLEANING, & PICKLING MACHINE OPERATORS | 6 992 | 2 293 | 564 | 246 | 5 200 | 1 498 | 1 113 | 481 | 45 | 17 | 70 | 51 | - | - |
| FOLDING MACHINE OPERATORS | 13 292 | 20 453 | 1 485 | 1 637 | 9 373 | 14 589 | 2 258 | 3 850 | 36 | 104 | 133 | 257 | 7 | 16 |
| FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD | 146 322 | 7 473 | 8 026 | 388 | 115 368 | 5 646 | 21 477 | 1 285 | 657 | 61 | 683 | 81 | 111 | 12 |
| CRUSHING AND GRINDING MACHINE OPERATORS | 48 112 | 4 466 | 3 982 | 557 | 35 821 | 2 792 | 7 708 | 1 004 | 312 | 28 | 282 | 85 | 7 | - |
| SLICING AND CUTTING MACHINE OPERATORS | 149 231 | 61 462 | 16 217 | 6 819 | 111 505 | 44 004 | 19 333 | 9 195 | 852 | 446 | 1 223 | 885 | 101 | 113 |
| MOTION PICTURE PROJECTIONISTS | 13 119 | 1 326 | 505 | 97 | 11 630 | 1 126 | 693 | 71 | 66 | 4 | 172 | 28 | 53 | - |
| PHOTOGRAPHIC PROCESS MACHINE OPERATORS | 42 149 | 48 894 | 2 970 | 2 919 | 34 043 | 40 662 | 3 520 | 4 179 | 164 | 303 | 1 378 | 783 | 74 | 48 |
| MISC. AND NOT SPECIFIED MACHINE OPERATORS | 1 400 296 | 702 602 | 154 306 | 83 340 | 1 001 431 | 479 403 | 220 552 | 125 804 | 6 816 | 3 470 | 15 567 | 9 790 | 1 624 | 795 |
| OCCUPATION: | | | | | | | | | | | | | | |
| MISCELLANEOUS MACHINE OPERATORS, N.E.C. | 467 095 | 231 591 | 43 114 | 21 112 | 352 830 | 167 609 | 63 522 | 37 944 | 2 344 | 1 219 | 4 760 | 3 508 | 525 | 199 |
| MACHINE OPERATORS, NOT SPECIFIED | 933 201 | 471 011 | 111 192 | 62 228 | 648 601 | 311 794 | 157 030 | 87 860 | 4 472 | 2 251 | 10 807 | 6 282 | 1 099 | 596 |
| INDUSTRY: | | | | | | | | | | | | | | |
| MANUFACTURING | 1 194 211 | 622 810 | 132 937 | 75 386 | 855 705 | 425 309 | 186 126 | 109 932 | 5 328 | 2 960 | 12 832 | 8 499 | 1 283 | 724 |
| NONDURABLE GOODS | 450 403 | 276 725 | 49 146 | 34 860 | 318 469 | 186 218 | 75 728 | 50 297 | 2 214 | 1 330 | 4 404 | 3 782 | 442 | 238 |
| DURABLE GOODS | 743 808 | 346 085 | 83 791 | 40 526 | 537 236 | 239 091 | 110 398 | 59 635 | 3 114 | 1 630 | 8 428 | 4 717 | 841 | 486 |
| NONMANUFACTURING INDUSTRIES | 206 085 | 79 792 | 21 369 | 7 954 | 145 726 | 54 094 | 34 426 | 15 872 | 1 488 | 510 | 2 735 | 1 291 | 341 | 71 |
| FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS | 1 679 608 | 952 527 | 155 510 | 94 252 | 1 279 975 | 682 062 | 211 679 | 145 972 | 11 177 | 5 613 | 19 537 | 23 385 | 1 730 | 1 243 |
| WELDERS AND CUTTERS | 744 585 | 46 443 | 62 697 | 3 588 | 592 325 | 33 491 | 75 313 | 8 528 | 6 629 | 333 | 6 928 | 479 | 693 | 24 |
| SOLDERERS AND BRAZERS | 7 469 | 26 457 | 1 746 | 3 494 | 4 997 | 19 114 | 541 | 2 920 | 18 | 179 | 157 | 676 | 10 | 74 |
| ASSEMBLERS | 858 542 | 841 158 | 84 373 | 83 267 | 629 111 | 600 837 | 128 490 | 129 980 | 4 045 | 4 744 | 11 578 | 21 237 | 945 | 1 093 |
| HAND CUTTING AND TRIMMING OCCUPATIONS | 11 028 | 6 956 | 1 393 | 928 | 7 968 | 4 336 | 1 364 | 1 155 | 83 | 41 | 196 | 490 | 24 | 6 |
| HAND MOLDING, CASTING, AND FORMING OCCUPATIONS | 12 127 | 6 198 | 1 264 | 591 | 9 340 | 4 953 | 1 324 | 527 | 81 | 50 | 112 | 61 | 6 | 16 |
| HAND PAINTING, COATING, & DECORATING OCCUPATIONS | 29 670 | 11 245 | 2 401 | 848 | 23 620 | 8 927 | 2 931 | 1 244 | 228 | 88 | 449 | 133 | 41 | 5 |
| HAND ENGRAVING AND PRINTING OCCUPATIONS | 1 463 | 679 | 81 | 50 | 1 278 | 516 | 102 | 65 | 2 | 11 | - | 33 | - | 4 |
| HAND GRINDING AND POLISHING OCCUPATIONS | 2 027 | 831 | 320 | 122 | 1 417 | 552 | 239 | 99 | 16 | 14 | 35 | 44 | - | - |
| MISCELLANEOUS HAND WORKING OCCUPATIONS | 12 697 | 12 560 | 1 235 | 1 364 | 9 919 | 9 336 | 1 375 | 1 454 | 75 | 153 | 82 | 232 | 11 | 21 |
| PRODUCTION INSPS., TESTERS, SAMPLERS, AND WEIGHERS | 437 483 | 461 906 | 25 017 | 41 207 | 359 732 | 350 313 | 44 952 | 65 151 | 2 167 | 2 723 | 5 215 | 8 074 | 400 | 438 |
| PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS | 348 489 | 375 129 | 17 224 | 25 255 | 291 141 | 289 758 | 34 560 | 52 248 | 1 480 | 2 034 | 3 752 | 5 502 | 332 | 332 |
| PRODUCTION TESTERS | 39 631 | 17 361 | 2 121 | 1 449 | 33 130 | 14 915 | 3 360 | 2 446 | 146 | 73 | 849 | 471 | 25 | 7 |
| PRODUCTION SAMPLERS AND WEIGHERS | 5 548 | 4 013 | 569 | 752 | 4 249 | 2 586 | 653 | 542 | 34 | 23 | 43 | 106 | - | 4 |
| GRADERS AND SORTERS, EXC. AGRICULTURAL | 43 815 | 69 403 | 5 103 | 13 751 | 31 212 | 43 054 | 6 379 | 9 915 | 507 | 593 | 571 | 1 995 | 43 | 91 |

[1] PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

## Table 1. **Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | | | |
| OPERATORS, FABRICATORS, AND LABORERS--CON. | | | | | | | | | | | | | | |
| TRANS. AND MATERIAL MOVING OCCUPATIONS. . . . | 4 445 158 | 375 164 | 267 307 | 17 315 | 3 552 942 | 304 050 | 565 781 | 48 442 | 29 854 | 3 098 | 26 074 | 2 092 | 3 200 | 167 |
| MOTOR VEHICLE OPERATORS . . . . . | 2 980 161 | 299 364 | 178 114 | 10 515 | 2 363 515 | 247 535 | 399 497 | 37 248 | 17 996 | 2 533 | 18 858 | 1 411 | 2 181 | 122 |
| SUPERVISORS, MOTOR VEHICLE OPERATORS. . . . . | 30 566 | 2 083 | 1 084 | 67 | 26 895 | 1 847 | 2 289 | 111 | 133 | 7 | 158 | 51 | 7 | - |
| TRUCK DRIVERS, HEAVY. . . . . | 1 852 443 | 44 082 | 100 052 | 1 996 | 1 497 724 | 35 189 | 234 526 | 6 148 | 12 143 | 561 | 6 903 | 175 | 1 095 | 13 |
| TRUCK DRIVERS, LIGHT. . . . . | 512 671 | 37 489 | 37 357 | 1 770 | 412 823 | 32 248 | 55 384 | 2 854 | 2 269 | 341 | 4 499 | 235 | 339 | 41 |
| DRIVER-SALES WORKERS. . . . . | 170 934 | 13 874 | 7 086 | 463 | 153 010 | 12 041 | 9 328 | 1 185 | | 483 | 107 | 961 | 78 | 66 | - |
| BUS DRIVERS . . . . . | 209 379 | 176 955 | 11 816 | 4 946 | 142 047 | 147 679 | 51 510 | 22 446 | 1 617 | 1 184 | 2 194 | 646 | 195 | 54 |
| TAXICAB DRIVERS AND CHAUFFEURS. . . . . | 166 990 | 21 603 | 16 351 | 1 004 | 107 977 | 16 178 | 37 910 | 3 936 | 1 147 | 313 | 3 210 | 158 | 395 | 14 |
| PARKING LOT ATTENDANTS. . . . . | 33 740 | 3 069 | 4 084 | 269 | 20 486 | 2 200 | 8 046 | 512 | 163 | 20 | 877 | 68 | 84 | - |
| MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.. . . . | 3 438 | 209 | 284 | - | 2 553 | 153 | 504 | 56 | 41 | - | 56 | - | - | - |
| TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE. . | 283 604 | 5 523 | 9 266 | 241 | 249 520 | 4 444 | 21 763 | 708 | 1 682 | 86 | 1 180 | 44 | 193 | - |
| RAIL TRANSPORTATION OCCUPATIONS . . . . . | 209 072 | 3 468 | 5 859 | 128 | 184 577 | 2 810 | 17 343 | 475 | 868 | 31 | 325 | 24 | 100 | - |
| RAILROAD CONDUCTORS AND YARDMASTERS . . . . . | 46 531 | 763 | 736 | 42 | 43 110 | 641 | 2 495 | 66 | 115 | 5 | 50 | 9 | 25 | - |
| LOCOMOTIVE OPERATING OCCUPATIONS. . . . . | 71 866 | 1 232 | 1 896 | 51 | 63 127 | 944 | 6 379 | 216 | 298 | 16 | 143 | 5 | 23 | - |
| RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS. . | 81 736 | 1 183 | 2 854 | 35 | 70 784 | 1 006 | 7 571 | 124 | 379 | 8 | 96 | 10 | 52 | - |
| RAIL VEHICLE OPERATORS, N.E.C.. . . . . | 8 939 | 290 | 373 | - | 7 556 | 219 | | 898 | 69 | 76 | 2 | 36 | - | - | - |
| WATER TRANSPORTATION OCCUPATIONS. . . . . | 74 532 | 2 055 | 3 407 | 113 | 64 943 | 1 634 | 4 420 | 233 | 814 | 55 | 855 | 20 | 93 | - |
| SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS . | 32 759 | 652 | 889 | 35 | 30 422 | 527 | 807 | 59 | 423 | 15 | 198 | 16 | 20 | - |
| SAILORS AND DECKHANDS . . . . . | 33 340 | 890 | 2 260 | 63 | 27 004 | 676 | 3 085 | 113 | 336 | 34 | 586 | 4 | 69 | - |
| MARINE ENGINEERS. . . . . | 3 681 | 78 | 188 | 6 | 3 199 | 53 | | 204 | 19 | 26 | - | 64 | - | - | - |
| BRIDGE, LOCK, AND LIGHTHOUSE TENDERS. . . . . | 4 752 | 435 | 70 | 9 | 4 318 | 378 | | 324 | 42 | 29 | 6 | 7 | - | 4 | - |
| MATERIAL MOVING EQUIPMENT OPERATORS . . . . . | 1 181 393 | 70 277 | 79 927 | 6 559 | 939 907 | 52 071 | 144 521 | 10 486 | 10 176 | 479 | 6 036 | 637 | 826 | 45 |
| SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS. | 29 418 | 1 252 | 1 486 | 28 | 25 474 | 1 125 | 2 088 | 82 | 126 | 11 | 231 | 6 | 13 | - |
| OPERATING ENGINEERS . . . . . | 235 587 | 3 239 | 11 870 | 189 | 204 689 | 2 426 | 14 499 | 466 | 3 209 | 94 | 1 178 | 56 | 142 | 8 |
| LONGSHORE EQUIPMENT OPERATORS . . . . . | 4 137 | 128 | 385 | 4 | 2 146 | 104 | 1 418 | 20 | 62 | - | 126 | - | - | - |
| HOIST AND WINCH OPERATORS . . . . . | 31 166 | 723 | 2 998 | 19 | 25 894 | 638 | 1 668 | 46 | 479 | 13 | 104 | 7 | 23 | - |
| CRANE AND TOWER OPERATORS . . . . . | 128 622 | 2 751 | 7 006 | 147 | 101 281 | 1 824 | 19 068 | 709 | 622 | 32 | 548 | 35 | 97 | 4 |
| EXCAVATING AND LOADING MACHINE OPERATORS. . . . | 81 413 | 1 505 | 4 087 | 125 | 72 014 | 1 261 | 4 279 | 113 | 798 | 6 | 201 | - | 34 | - |
| GRADER, DOZER, AND SCRAPER OPERATORS. . . . . | 79 567 | 1 013 | 2 585 | 23 | 71 129 | 752 | 4 845 | 197 | 799 | 32 | 173 | 9 | 36 | - |
| INDUSTRIAL TRUCK & TRACTOR EQUIPMENT OPERATORS. . | 415 004 | 20 408 | 36 824 | 1 366 | 299 306 | 15 607 | 73 081 | 3 130 | 3 065 | 150 | 2 404 | 150 | 324 | 5 |
| MISC. MATERIAL MOVING EQUIPMENT OPERATORS . . . . | 176 479 | 39 258 | 12 686 | 4 658 | 139 974 | 28 334 | 23 575 | 5 723 | 1 016 | 141 | 1 071 | 374 | 157 | 28 |
| HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS . . . . . | 4 076 776 | 1 009 308 | 378 427 | 98 840 | 2 985 861 | 726 031 | 636 777 | 161 054 | 33 278 | 6 886 | 38 557 | 15 258 | 3 876 | 1 239 |
| SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C. . . . . | 8 642 | 1 530 | 177 | 34 | 7 231 | 1 196 | 1 128 | 326 | 37 | 9 | 64 | 13 | 5 | - |
| HELPERS, MECHANICS AND REPAIRERS. . . . . | 26 578 | 1 499 | 3 215 | 147 | 19 047 | 1 069 | 3 684 | 252 | 244 | 13 | 356 | 18 | 32 | - |
| HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS. . | 152 101 | 6 819 | 15 668 | 504 | 117 258 | 5 151 | 16 639 | 955 | 1 562 | 141 | 851 | 62 | 123 | 6 |
| HELPERS, CONSTRUCTION TRADES. . . . . | 121 487 | 4 665 | 13 222 | 321 | 91 416 | 3 452 | 14 925 | 765 | 1 119 | 80 | 696 | 41 | 109 | 6 |
| HELPERS, SURVEYOR . . . . . | 10 326 | 760 | 496 | 5 | 9 193 | 633 | [illegible]5 | 69 | 110 | 37 | 72 | 16 | - | - |
| HELPERS, EXTRACTIVE OCCUPATIONS . . . . . | 20 288 | 1 394 | 1 950 | 178 | 16 649 | 1 066 | 1 259 | 121 | 333 | 24 | 83 | 5 | 14 | - |
| CONSTRUCTION LABORERS . . . . . | 833 937 | 27 286 | 89 239 | 2 199 | 587 016 | 18 994 | [illegible]3 454 | 5 401 | 8 947 | 505 | 4 421 | 178 | 760 | 9 |
| PRODUCTION HELPERS. . . . . | 98 971 | 22 012 | 11 804 | 2 393 | 70 646 | 14 902 | 14 390 | 4 033 | 722 | 107 | 1 304 | 534 | 105 | 43 |
| FREIGHT, STOCK, AND MATERIAL HANDLERS . . . . . | 1 180 774 | 213 194 | 83 952 | 11 644 | 906 094 | 171 345 | 170 137 | 25 975 | 6 770 | 1 280 | 12 746 | 2 693 | 1 075 | 257 |
| GARBAGE COLLECTORS. . . . . | 74 302 | 2 275 | 6 233 | 112 | 41 650 | 1 162 | 2[illegible] 400 | 955 | 571 | 28 | 394 | 18 | 54 | - |
| STEVEDORES. . . . . | 21 684 | 318 | 2 539 | 54 | 11 208 | 118 | 7 [illegible] | 130 | 135 | 5 | 286 | - | 36 | 11 |
| STOCK HANDLERS AND BAGGERS. . . . . | 560 360 | 148 988 | 38 003 | 7 934 | 465 455 | 125 848 | 45 426 | 12 122 | 2 328 | 782 | 8 656 | 2 129 | 492 | 173 |
| MACHINE FEEDERS AND OFFBEARERS. . . . . | 77 403 | 35 236 | 5 042 | 2 060 | 57 161 | 25 827 | 14 028 | 6 765 | 635 | 262 | 458 | 289 | 79 | 35 |
| FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C. . . | 447 025 | 26 375 | 32 135 | 1 484 | 330 622 | 18 390 | 77 801 | 6 003 | 3 101 | 203 | 2 952 | 257 | 414 | 38 |
| GARAGE AND SERVICE STATION RELATED OCCUPATIONS. . . | 314 550 | 27 125 | 17 865 | 984 | 264 862 | 23 828 | 25 730 | 1 773 | 1 969 | 267 | 3 912 | 273 | 212 | - |
| VEHICLE WASHERS AND EQUIPMENT CLEANERS. . . . . | 125 600 | 22 301 | 12 652 | 1 746 | 85 800 | 15 375 | 25 047 | 4 698 | 777 | 161 | 1 219 | 294 | 105 | 27 |
| HAND PACKERS AND PACKAGERS. . . . . | 206 834 | 415 925 | 32 219 | 52 576 | 134 623 | 293 021 | 35 525 | 60 657 | 1 119 | 2 016 | 3 012 | 7 063 | 336 | 592 |
| LABORERS, EXCEPT CONSTRUCTION . . . . . | 1 128 789 | 271 569 | 111 636 | 26 613 | 793 284 | 181 150 | 200 943 | 56 984 | 11 131 | 2 387 | 10 672 | 4 130 | 1 123 | 305 |
| MANUFACTURING . . . . . | 486 417 | 152 679 | 49 234 | 15 574 | 337 902 | 101 714 | 92 138 | 32 067 | 3 110 | 1 029 | 3 527 | 2 147 | 506 | 148 |
| NONDURABLE GOODS. . . . . | 184 042 | 80 943 | 20 070 | 8 773 | 124 207 | 52 601 | 36 398 | 17 541 | 1 325 | 614 | 1 862 | 1 345 | 180 | 69 |
| DURABLE GOODS . . . . . | 302 375 | 71 736 | 29 164 | 6 801 | 213 695 | 49 113 | 55 740 | 14 526 | 1 785 | 415 | 1 665 | 802 | 326 | 79 |
| TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES. . | 155 580 | 12 013 | 15 106 | 1 011 | 104 111 | 7 789 | 33 053 | 2 957 | 2 151 | 105 | 1 070 | 138 | 89 | 13 |
| WHOLESALE AND RETAIL TRADE. . . . . | 280 285 | 61 640 | 26 060 | 5 903 | 211 192 | 42 990 | 37 238 | 11 197 | 1 741 | 338 | 3 787 | 1 138 | 267 | 74 |
| ALL OTHER INDUSTRIES. . . . . | 206 507 | 45 237 | 21 236 | 4 125 | 140 079 | 28 657 | 38 514 | 10 763 | 4 129 | 915 | 2 288 | 707 | 261 | 70 |
| UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975. | 300 935 | 430 806 | 31 999 | 41 777 | 166 695 | 252 200 | 93 362 | 124 386 | 2 900 | 3 746 | 5 503 | 7 993 | 476 | 704 |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.



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## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER | 59 926 488 | 44 523 329 | 51 884 626 | 37 307 269 | 5 330 792 | 5 251 644 | 333 571 | 250 908 | 947 280 | 825 596 | 1 430 219 | 887 912 |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS | 13 487 369 | 9 196 289 | 12 411 595 | 8 073 437 | 573 688 | 804 433 | 45 180 | 41 645 | 306 679 | 190 528 | 120 227 | 86 246 |
| EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS | 7 209 661 | 3 168 857 | 6 717 427 | 2 830 044 | 280 972 | 229 804 | 23 751 | 15 347 | 122 147 | 60 758 | 65 364 | 32 904 |
| LEGISLATORS | 7 112 | 3 557 | 6 281 | 3 256 | 405 | 166 | 253 | 65 | 118 | 48 | 55 | 22 |
| CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION | 27 458 | 8 319 | 23 131 | 6 295 | 3 160 | 1 675 | 433 | 111 | 269 | 148 | 465 | 90 |
| ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION | 196 465 | 99 518 | 176 373 | 85 543 | 13 559 | 11 114 | 1 891 | 854 | 2 702 | 1 076 | 1 940 | 931 |
| ADMINISTRATORS, PROTECTIVE SERVICES | 23 769 | 2 468 | 22 565 | 2 093 | 829 | 280 | 144 | 21 | 98 | 16 | 133 | 58 |
| FINANCIAL MANAGERS | 281 218 | 128 626 | 266 814 | 119 376 | 6 882 | 6 050 | 429 | 332 | 5 386 | 1 735 | 1 707 | 1 133 |
| PERSONNEL AND LABOR RELATIONS MANAGERS | 140 747 | 79 198 | 128 220 | 70 347 | 8 227 | 6 317 | 469 | 305 | 1 832 | 1 179 | 1 999 | 1 050 |
| PURCHASING MANAGERS | 56 088 | 15 111 | 53 434 | 13 652 | 1 466 | 1 025 | 137 | 46 | 703 | 239 | 348 | 149 |
| MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS | 567 362 | 121 513 | 549 364 | 114 425 | 9 166 | 4 370 | 1 045 | 351 | 5 530 | 1 530 | 2 257 | 837 |
| ADMINISTRATORS, EDUCATION AND RELATED FIELDS | 239 766 | 147 772 | 214 777 | 124 056 | 20 250 | 19 452 | 954 | 1 107 | 1 780 | 1 588 | 2 005 | 1 569 |
| MANAGERS, MEDICINE AND HEALTH | 54 583 | 56 298 | 49 325 | 48 858 | 3 925 | 5 663 | 212 | 373 | 736 | 859 | 385 | 545 |
| MANAGERS, PROPERTIES AND REAL ESTATE | 117 835 | 82 237 | 105 355 | 74 983 | 7 921 | 4 905 | 608 | 517 | 1 364 | 882 | 2 587 | 950 |
| POSTMASTERS AND MAIL SUPERINTENDENTS | 17 731 | 10 632 | 16 955 | 13 270 | 510 | 122 | 109 | 141 | 63 | 62 | 94 | 37 |
| FUNERAL DIRECTORS | 36 786 | 3 510 | 33 290 | 2 751 | 3 205 | 699 | 89 | - | 81 | 30 | 121 | 30 |
| MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED | 3 404 912 | 1 253 749 | 3 194 827 | 1 140 216 | 113 618 | 76 687 | 10 258 | 5 790 | 55 220 | 18 939 | 30 989 | 12 117 |
| MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED | 419 697 | 154 149 | 388 471 | 140 698 | 12 454 | 4 755 | 1 369 | 679 | 12 321 | 6 181 | 5 082 | 1 836 |
| MANAGEMENT RELATED OCCUPATIONS | 1 618 132 | 999 200 | 1 488 245 | 870 225 | 75 395 | 86 524 | 5 351 | 4 655 | 33 944 | 26 246 | 15 197 | 11 550 |
| ACCOUNTANTS AND AUDITORS | 626 558 | 386 299 | 577 147 | 333 755 | 23 476 | 30 892 | 1 331 | 1 621 | 19 992 | 16 280 | 4 612 | 3 751 |
| UNDERWRITERS | 7 752 | 10 845 | 7 111 | 9 828 | 393 | 787 | 12 | 21 | 140 | 105 | 96 | 104 |
| OTHER FINANCIAL OFFICERS | 223 633 | 182 318 | 209 877 | 164 928 | 7 498 | 11 074 | 517 | 669 | 3 967 | 3 645 | 1 774 | 2 002 |
| MANAGEMENT ANALYSTS | 88 652 | 29 929 | 83 594 | 26 613 | 3 034 | 2 501 | 296 | 177 | 1 299 | 415 | 429 | 223 |
| PERSONNEL, TNG., AND LABOR RELATIONS SPECIALISTS | 224 039 | 198 780 | 195 692 | 164 411 | 20 309 | 26 234 | 1 339 | 1 316 | 2 705 | 3 196 | 3 904 | 3 623 |
| PURCHASING AGENTS AND BUYERS, FARM PRODUCTS | 17 933 | 1 547 | 17 110 | 1 396 | 574 | 126 | 46 | - | 94 | 11 | 109 | 14 |
| BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS | 93 192 | 74 639 | 88 651 | 69 528 | 2 235 | 3 233 | 214 | 200 | 1 377 | 1 083 | 715 | 595 |
| PURCHASING AGENTS AND BUYERS, N.E.C. | 130 769 | 60 979 | 123 762 | 55 813 | 4 277 | 3 810 | 477 | 268 | 1 272 | 618 | 981 | 470 |
| BUSINESS AND PROMOTION AGENTS | 13 780 | 6 827 | 12 611 | 6 329 | 806 | 327 | 34 | 25 | 140 | 79 | 189 | 67 |
| CONSTRUCTION INSPECTORS | 48 413 | 2 479 | 44 121 | 1 925 | 2 694 | 412 | 307 | 8 | 704 | 62 | 587 | 72 |
| INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR. | 128 935 | 27 909 | 115 431 | 21 861 | 9 186 | 4 756 | 675 | 260 | 2 083 | 546 | 1 560 | 486 |
| MANAGEMENT RELATED OCCUPATIONS, N.E.C. | 14 476 | 16 649 | 13 138 | 13 838 | 913 | 2 372 | 103 | 90 | 171 | 206 | 151 | 143 |
| PROFESSIONAL SPECIALTY OCCUPATIONS | 6 247 708 | 6 027 432 | 5 694 168 | 5 243 393 | 292 716 | 574 629 | 21 429 | 26 298 | 184 532 | 129 770 | 54 863 | 53 342 |
| ENGINEERS, ARCHITECTS, AND SURVEYORS | 1 465 220 | 75 080 | 1 352 694 | 65 944 | 34 927 | 4 871 | 3 657 | 291 | 64 863 | 3 110 | 9 079 | 864 |
| ARCHITECTS | 98 743 | 8 950 | 91 012 | 8 119 | 2 703 | 310 | 193 | 30 | 3 863 | 395 | 972 | 96 |
| ENGINEERS | 1 336 164 | 64 809 | 1 232 918 | 56 603 | 31 499 | 4 517 | 3 185 | 243 | 60 753 | 2 705 | 7 809 | 741 |
| AEROSPACE | 85 622 | 2 869 | 79 175 | 2 435 | 1 493 | 221 | 234 | - | 4 177 | 173 | 543 | 40 |
| METALLURGICAL AND MATERIALS | 23 260 | 1 279 | 21 726 | 1 126 | 469 | 80 | 25 | 21 | 893 | 46 | 147 | 6 |
| MINING | 9 700 | 341 | 9 276 | 319 | 100 | - | 61 | 17 | 198 | 5 | 65 | - |
| PETROLEUM | 22 235 | 819 | 21 195 | 733 | 315 | 31 | 105 | 6 | 485 | 44 | 135 | 5 |
| CHEMICAL | 54 487 | 3 015 | 50 082 | 2 579 | 956 | 205 | 70 | 8 | 3 134 | 194 | 245 | 29 |
| NUCLEAR | 8 897 | 343 | 8 087 | 304 | 134 | 10 | 22 | - | 609 | 18 | 45 | 11 |
| CIVIL | 198 029 | 6 006 | 178 792 | 5 154 | 4 777 | 373 | 572 | 24 | 12 388 | 356 | 1 500 | 99 |
| AGRICULTURAL | 4 115 | 390 | 3 907 | 353 | 62 | 23 | 4 | 7 | 122 | 7 | 20 | - |
| ELECTRICAL AND ELECTRONIC | 306 695 | 16 179 | 281 829 | 13 772 | 8 106 | 1 470 | 791 | 14 | 14 116 | 688 | 1 853 | 235 |
| INDUSTRIAL | 174 968 | 19 354 | 165 479 | 17 494 | 4 520 | 1 125 | 369 | 108 | 3 539 | 400 | 1 061 | 227 |
| MECHANICAL | 193 579 | 4 071 | 180 312 | 3 554 | 4 416 | 304 | 360 | 20 | 7 648 | 182 | 843 | 11 |
| MARINE AND NAVAL ARCHITECTS | 16 367 | 315 | 15 446 | 281 | 357 | 19 | 49 | 6 | 416 | 9 | 99 | - |
| ENGINEERS, N.E.C. | 238 210 | 9 828 | 217 612 | 8 499 | 5 794 | 656 | 523 | 12 | 13 028 | 583 | 1 253 | 78 |
| SURVEYORS AND MAPPING SCIENTISTS | 30 313 | 1 321 | 28 764 | 1 222 | 725 | 44 | 279 | 18 | 247 | 10 | 298 | 27 |
| MATHEMATICAL AND COMPUTER SCIENTISTS | 244 129 | 86 318 | 224 061 | 79 587 | 9 737 | 7 756 | 634 | 321 | 8 278 | 3 030 | 1 419 | 624 |
| COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS | 157 140 | 45 511 | 144 212 | 39 707 | 6 129 | 3 470 | 374 | 183 | 5 535 | 1 806 | 890 | 345 |
| OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS | 58 435 | 22 441 | 53 869 | 19 248 | 2 476 | 2 418 | 175 | 81 | 1 538 | 561 | 377 | 133 |
| ACTUARIES | 7 682 | 2 637 | 7 326 | 2 465 | 91 | 98 | - | - | 259 | 78 | 6 | - |
| STATISTICIANS | 15 684 | 14 516 | 13 979 | 12 201 | 793 | 1 595 | 60 | 57 | 746 | 517 | 106 | 146 |
| MATHEMATICAL SCIENTISTS, N.E.C. | 5 188 | 1 213 | 4 675 | 966 | 248 | 179 | 25 | - | 200 | 68 | 40 | - |
| NATURAL SCIENTISTS | 251 535 | 62 660 | 230 451 | 53 360 | 8 144 | 3 954 | 963 | 286 | 10 258 | 4 488 | 1 719 | 572 |
| PHYSICISTS AND ASTRONOMERS | 21 253 | 1 220 | 19 590 | 1 121 | 320 | 41 | 30 | - | 1 160 | 40 | 153 | 18 |
| CHEMISTS, EXCEPT BIOCHEMISTS | 81 699 | 20 540 | 72 000 | 16 310 | 3 642 | 1 475 | 156 | 68 | 5 368 | 2 414 | 533 | 273 |
| ATMOSPHERIC AND SPACE SCIENTISTS | 6 986 | 1 429 | 6 489 | 1 258 | 281 | 129 | 45 | 7 | 106 | 31 | 65 | 9 |
| GEOLOGISTS AND GEODESISTS | 40 985 | 5 142 | 39 519 | 4 829 | 488 | 205 | 93 | 10 | 623 | 91 | 262 | 7 |
| PHYSICAL SCIENTISTS, N.E.C. | 6 874 | 1 767 | 6 358 | 1 521 | 311 | 196 | 4 | 8 | 143 | 28 | 58 | 17 |
| AGRICULTURAL AND FOOD SCIENTISTS | 19 009 | 5 580 | 17 578 | 4 894 | 811 | 437 | 59 | 37 | 453 | 198 | 108 | 14 |
| BIOLOGICAL AND LIFE SCIENTISTS | 30 840 | 15 239 | 28 206 | 13 224 | 885 | 817 | 60 | 63 | 1 499 | 1 043 | 190 | 92 |
| FORESTRY AND CONSERVATION SCIENTISTS | 31 985 | 3 582 | 30 050 | 3 185 | 963 | 188 | 493 | 73 | 209 | 63 | 270 | 73 |
| MEDICAL SCIENTISTS | 11 904 | 8 161 | 10 661 | 7 018 | 443 | 466 | 23 | 28 | 697 | 580 | 80 | 69 |

## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | |
| PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | 570 946 | 76 280 | 516 391 | 58 662 | 13 989 | 4 054 | 718 | 165 | 36 353 | 12 683 | 3 095 | 716 |
| HEALTH DIAGNOSING OCCUPATIONS | 375 289 | 57 966 | 330 297 | 42 316 | 10 264 | 3 245 | 413 | 127 | 31 730 | 11 722 | 2 585 | 556 |
| PHYSICIANS | 116 916 | 8 375 | 110 425 | 7 171 | 2 715 | 480 | 183 | 18 | 3 305 | 816 | 288 | 90 |
| DENTISTS | 29 797 | 4 558 | 28 873 | 4 334 | 409 | 124 | 58 | 6 | 359 | 73 | 98 | 21 |
| VETERINARIANS | 22 569 | 2 036 | 21 816 | 1 842 | 198 | 56 | 36 | 8 | 461 | 97 | 58 | 33 |
| OPTOMETRISTS | 7 124 | 657 | 6 860 | 538 | 210 | 78 | - | - | 54 | 41 | - | - |
| PODIATRISTS | 18 851 | 2 688 | 18 120 | 2 461 | 193 | 71 | 28 | 6 | 444 | 134 | 66 | 16 |
| HEALTH DIAGNOSING PRACTITIONERS, N.E.C. | | | | | | | | | | | | |
| HEALTH ASSESSMENT AND TREATING OCCUPATIONS | 240 369 | 1 482 007 | 211 468 | 1 298 820 | 17 489 | 118 024 | 778 | 4 790 | 7 919 | 51 288 | 2 915 | 9 085 |
| REGISTERED NURSES | 52 755 | 1 232 544 | 44 278 | 1 086 595 | 4 489 | 91 534 | 187 | 3 844 | 1 998 | 43 870 | 803 | 6 701 |
| PHARMACISTS | 110 635 | 35 002 | 102 572 | 30 382 | 2 954 | 1 806 | 158 | 96 | 4 340 | 2 323 | 611 | 395 |
| DIETICIANS | 6 787 | 60 483 | 4 457 | 44 527 | 1 910 | 12 621 | 25 | 307 | 179 | 2 405 | 207 | 623 |
| THERAPISTS | 52 181 | 141 752 | 44 174 | 127 351 | 5 695 | 10 413 | 268 | 464 | 1 071 | 2 337 | 973 | 1 187 |
| INHALATION THERAPISTS | 21 179 | 27 559 | 17 985 | 23 666 | 2 133 | 3 007 | 90 | 134 | 526 | 463 | 445 | 289 |
| OCCUPATIONAL THERAPISTS | 1 499 | 16 257 | 1 216 | 15 183 | 203 | 574 | 14 | 36 | 44 | 394 | 22 | 70 |
| PHYSICAL THERAPISTS | 11 234 | 31 841 | 9 785 | 28 804 | 1 006 | 1 967 | 33 | 91 | 252 | 701 | 158 | 278 |
| SPEECH THERAPISTS | 4 485 | 36 811 | 4 219 | 34 298 | 187 | 1 871 | 22 | 54 | 25 | 361 | 32 | 227 |
| THERAPISTS, N.E.C. | 13 784 | 29 284 | 10 969 | 25 400 | 2 166 | 2 994 | 109 | 149 | 224 | 418 | 316 | 323 |
| PHYSICIANS' ASSISTANTS | 18 211 | 12 226 | 15 987 | 9 965 | 1 432 | 1 650 | 140 | 79 | 331 | 353 | 321 | 179 |
| TEACHERS, POSTSECONDARY | 404 104 | 233 045 | 368 720 | 208 604 | 15 507 | 15 596 | 1 230 | 798 | 15 429 | 5 811 | 3 218 | 2 236 |
| EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS | 1 904 | 370 | 1 833 | 353 | 10 | - | 5 | - | 38 | 9 | 18 | 8 |
| BIOLOGICAL SCIENCE TEACHERS | 6 537 | 3 114 | 6 143 | 2 798 | 122 | 171 | 8 | 19 | 236 | 113 | 28 | 13 |
| CHEMISTRY TEACHERS | 6 671 | 1 711 | 6 126 | 1 559 | 148 | 58 | 20 | - | 351 | 83 | 26 | 11 |
| PHYSICS TEACHERS | 4 882 | 532 | 4 473 | 474 | 65 | 16 | 6 | - | 303 | 38 | 35 | 4 |
| NATURAL SCIENCE TEACHERS, N.E.C. | 637 | 194 | 604 | 184 | 6 | 10 | - | - | 19 | - | 8 | - |
| PSYCHOLOGY TEACHERS | 3 494 | 2 326 | 3 272 | 2 104 | 129 | 153 | 29 | - | 57 | 47 | 7 | 22 |
| ECONOMICS TEACHERS | 4 024 | 1 008 | 3 705 | 904 | 103 | 43 | - | - | 172 | 54 | 44 | 7 |
| HISTORY TEACHERS | 4 267 | 1 333 | 4 061 | 1 229 | 126 | 84 | - | - | 61 | 20 | 19 | - |
| POLITICAL SCIENCE TEACHERS | 1 677 | 389 | 1 451 | 379 | 110 | - | 6 | - | 78 | 10 | 32 | - |
| SOCIOLOGY TEACHERS | 2 263 | 944 | 2 040 | 839 | 129 | 87 | 10 | - | 62 | 18 | 22 | - |
| SOCIAL SCIENCE TEACHERS, N.E.C. | 1 301 | 708 | 1 207 | 663 | 23 | 12 | 16 | 6 | 27 | 6 | 28 | 11 |
| ENGINEERING TEACHERS | 9 719 | 1 253 | 8 796 | 1 132 | 317 | 70 | 38 | 8 | 494 | 36 | 74 | 7 |
| MATHEMATICAL SCIENCE TEACHERS | 11 390 | 5 307 | 10 218 | 4 603 | 496 | 438 | 58 | 7 | 530 | 221 | 88 | 38 |
| COMPUTER SCIENCE TEACHERS | 1 842 | 716 | 1 547 | 624 | 68 | 54 | 7 | - | 170 | 20 | 50 | 18 |
| MEDICAL SCIENCE TEACHERS | 6 891 | 2 123 | 6 344 | 1 972 | 175 | 81 | - | - | 319 | 45 | 53 | 25 |
| HEALTH SPECIALTIES TEACHERS | 2 596 | 16 955 | 2 390 | 15 380 | 143 | 1 109 | 12 | 65 | 51 | 317 | - | 84 |
| BUSINESS, COMMERCE, AND MARKETING TEACHERS | 4 022 | 3 594 | 3 696 | 3 236 | 169 | 259 | 20 | 10 | 123 | 52 | 14 | 35 |
| AGRICULTURE AND FORESTRY TEACHERS | 3 246 | 567 | 3 016 | 528 | 122 | 37 | 18 | - | 41 | 2 | 49 | - |
| ART, DRAMA, AND MUSIC TEACHERS | 14 718 | 13 667 | 13 653 | 12 609 | 800 | 678 | 67 | 54 | 141 | 272 | 57 | 54 |
| PHYSICAL EDUCATION TEACHERS | 5 382 | 3 626 | 4 825 | 3 351 | 435 | 199 | 26 | 20 | 69 | 35 | 27 | 21 |
| EDUCATION TEACHERS | 1 373 | 935 | 1 222 | 807 | 121 | 90 | 6 | - | 9 | 38 | 15 | - |
| ENGLISH TEACHERS | 10 538 | 12 865 | 9 960 | 11 858 | 302 | 704 | 8 | 52 | 192 | 150 | 76 | 101 |
| FOREIGN LANGUAGE TEACHERS | 4 039 | 5 915 | 3 705 | 5 325 | 62 | 148 | 6 | 3 | 184 | 259 | 82 | 180 |
| LAW TEACHERS | 3 301 | 811 | 3 161 | 719 | 104 | 78 | - | - | 19 | 6 | 17 | 8 |
| SOCIAL WORK TEACHERS | 329 | 481 | 317 | 347 | 12 | 105 | - | - | - | 23 | - | 6 |
| THEOLOGY TEACHERS | 2 809 | 767 | 2 694 | 717 | 64 | 25 | 5 | 8 | 46 | 12 | - | 5 |
| TRADE AND INDUSTRIAL TEACHERS | 2 490 | 1 105 | 2 239 | 999 | 183 | 95 | 14 | - | 43 | 5 | 11 | 6 |
| HOME ECONOMICS TEACHERS | 163 | 1 824 | 150 | 1 686 | 5 | 112 | - | 1 | 8 | 13 | - | 12 |
| TEACHERS, POSTSECONDARY, N.E.C. | 2 565 | 1 402 | 2 308 | 1 231 | 148 | 111 | - | 7 | 80 | 47 | 29 | 6 |
| POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED | 279 034 | 146 503 | 253 564 | 129 992 | 10 810 | 10 569 | 845 | 538 | 11 506 | 3 860 | 2 309 | 1 544 |
| TEACHERS, EXCEPT POSTSECONDARY | 1 086 775 | 2 635 345 | 982 560 | 2 284 164 | 77 156 | 288 876 | 4 706 | 11 618 | 11 820 | 28 126 | 10 533 | 22 561 |
| TEACHERS, PREKINDERGARTEN AND KINDERGARTEN | 6 564 | 176 774 | 4 831 | 146 534 | 1 298 | 24 434 | 79 | 1 134 | 157 | 1 760 | 199 | 2 912 |
| TEACHERS, ELEMENTARY SCHOOL | 569 823 | 1 749 547 | 509 594 | 1 503 715 | 46 275 | 204 648 | 2 305 | 7 552 | 5 788 | 18 981 | 5 861 | 14 651 |
| TEACHERS, SECONDARY SCHOOL | 374 203 | 486 603 | 345 740 | 432 381 | 20 926 | 44 651 | 1 543 | 1 851 | 3 108 | 4 404 | 2 886 | 3 316 |
| TEACHERS, SPECIAL EDUCATION | 10 138 | 22 680 | 9 146 | 19 926 | 693 | 2 379 | 76 | 123 | 123 | 136 | 100 | 116 |
| TEACHERS, N.E.C. | 126 047 | 199 741 | 113 249 | 181 608 | 7 964 | 12 764 | 703 | 958 | 2 644 | 2 845 | 1 487 | 1 566 |
| COUNSELORS, EDUCATIONAL AND VOCATIONAL | 90 587 | 107 669 | 75 743 | 85 825 | 10 735 | 17 334 | 1 096 | 1 412 | 1 264 | 1 436 | 1 749 | 1 662 |
| LIBRARIANS, ARCHIVISTS, AND CURATORS | 40 514 | 162 167 | 35 686 | 145 593 | 2 884 | 11 990 | 153 | 575 | 1 260 | 2 985 | 531 | 1 074 |
| LIBRARIANS | 32 779 | 154 600 | 28 742 | 138 711 | 2 353 | 11 434 | 120 | 524 | 1 086 | 2 909 | 478 | 1 022 |
| ARCHIVISTS AND CURATORS | 7 735 | 7 567 | 6 944 | 6 832 | 531 | 556 | 33 | 51 | 174 | 76 | 53 | 52 |

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## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BIASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | |
| PROFESSIONAL SPECIALTY OCCUPATIONS--CON. | | | | | | | | | | | | |
| SOCIAL SCIENTISTS AND URBAN PLANNERS | 136 114 | 81 744 | 126 346 | 72 619 | 5 548 | 6 739 | 458 | 326 | 2 632 | 1 381 | 1 130 | 679 |
| ECONOMISTS | 67 218 | 28 347 | 62 896 | 25 645 | 2 195 | 1 843 | 179 | 68 | 1 617 | 596 | 371 | 195 |
| PSYCHOLOGISTS | 49 102 | 43 827 | 45 460 | 38 511 | 2 414 | 4 151 | 149 | 200 | 515 | 567 | 564 | 398 |
| SOCIOLOGISTS | 1 489 | 1 061 | 1 311 | 944 | 111 | 98 | - | 12 | 44 | 48 | 23 | 9 |
| SOCIAL SCIENTISTS, N.E.C. | 8 177 | 5 300 | 7 460 | 4 865 | 214 | 242 | 38 | 30 | 179 | 112 | 86 | 51 |
| URBAN PLANNERS | 10 128 | 3 209 | 9 019 | 2 654 | 654 | 455 | 92 | 16 | 277 | 58 | 86 | 26 |
| SOCIAL, RECREATION, AND RELIGIOUS WORKERS | 466 205 | 368 967 | 398 870 | 286 630 | 46 069 | 67 287 | 2 678 | 3 099 | 6 453 | 4 725 | 7 135 | 7 226 |
| SOCIAL WORKERS | 161 258 | 298 726 | 124 984 | 224 312 | 26 985 | 61 547 | 1 727 | 2 692 | 2 714 | 3 882 | 4 888 | 6 293 |
| RECREATION WORKERS | 32 122 | 25 278 | 8 551 | 20 864 | 2 864 | 3 436 | 150 | 229 | 172 | 241 | 385 | 508 |
| CLERGY | 266 610 | 16 434 | 245 851 | 15 085 | 15 230 | 965 | 724 | 74 | 3 164 | 175 | 1 441 | 135 |
| RELIGIOUS WORKERS, N.E.C. | 21 215 | 28 529 | 19 504 | 26 369 | 1 010 | 1 339 | 77 | 104 | 403 | 427 | 221 | 290 |
| LAWYERS AND JUDGES | 455 662 | 74 037 | 439 366 | 67 312 | 10 484 | 4 793 | 899 | 280 | 2 911 | 970 | 1 982 | 682 |
| LAWYERS | 432 559 | 69 275 | 417 815 | 63 165 | 9 322 | 4 272 | 769 | 230 | 2 785 | 952 | 1 868 | 656 |
| JUDGES | 23 083 | 4 762 | 21 551 | 4 147 | 1 162 | 521 | 130 | 50 | 126 | 18 | 114 | 26 |
| WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES | 800 768 | 582 113 | 731 812 | 541 323 | 40 087 | 23 355 | 3 459 | 2 337 | 15 092 | 9 737 | 10 358 | 5 361 |
| AUTHORS | 25 409 | 20 339 | 24 217 | 19 316 | 612 | 635 | 92 | 69 | 294 | 166 | 194 | 153 |
| TECHNICAL WRITERS | 30 989 | 18 612 | 29 146 | 17 099 | 1 104 | 1 172 | 108 | 81 | 475 | 160 | 151 | 100 |
| DESIGNERS | 189 604 | 168 770 | 156 066 | 158 313 | 6 034 | 4 908 | 510 | 365 | 4 714 | 3 526 | 2 280 | 1 658 |
| MUSICIANS AND COMPOSERS | 99 065 | 41 491 | 87 766 | 38 532 | 7 299 | 1 991 | 516 | 152 | 1 552 | 664 | 1 932 | 152 |
| ACTORS AND DIRECTORS | 44 049 | 23 131 | 40 480 | 20 937 | 2 443 | 1 473 | 198 | 85 | 524 | 337 | 424 | 299 |
| PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS | 79 445 | 73 717 | 72 319 | 69 890 | 3 385 | 1 511 | 664 | 439 | 2 019 | 1 414 | 1 058 | 463 |
| PHOTOGRAPHERS | 72 496 | 22 266 | 65 979 | 20 716 | 3 886 | 968 | 235 | 170 | 1 422 | 212 | 974 | 200 |
| DANCERS | 3 350 | 9 844 | 2 777 | 8 219 | 323 | 832 | 19 | 91 | 140 | 492 | 91 | 210 |
| ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C. | 29 356 | 20 297 | 26 255 | 18 788 | 1 727 | 820 | 231 | 136 | 520 | 313 | 623 | 240 |
| EDITORS AND REPORTERS | 106 942 | 103 689 | 100 296 | 96 619 | 3 392 | 4 216 | 278 | 379 | 1 920 | 1 545 | 1 056 | 1 130 |
| PUBLIC RELATIONS SPECIALISTS | 61 442 | 58 595 | 56 938 | 53 595 | 3 006 | 3 558 | 205 | 271 | 773 | 682 | 520 | 489 |
| ANNOUNCERS | 38 392 | 8 594 | 34 375 | 7 478 | 3 079 | 795 | 208 | 63 | 228 | 128 | 502 | 130 |
| ATHLETES | 40 234 | 12 568 | 35 218 | 11 821 | 3 757 | 476 | 195 | 36 | 511 | 98 | 553 | 137 |
| TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS | 11 001 736 | 19 881 842 | 9 807 008 | 17 373 876 | 770 187 | 1 783 921 | 40 158 | 92 948 | 211 066 | 326 657 | 173 317 | 304 440 |
| TECHNICIANS AND RELATED SUPPORT OCCUPATIONS | 1 721 531 | 1 341 081 | 1 537 151 | 1 119 497 | 96 794 | 161 419 | 7 783 | 7 048 | 57 379 | 37 869 | 22 424 | 15 248 |
| HEALTH TECHNOLOGISTS AND TECHNICIANS | 162 175 | 827 172 | 129 349 | 677 692 | 20 566 | 117 082 | 988 | 4 475 | 8 000 | 19 537 | 3 272 | 8 386 |
| CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS | 62 175 | 181 807 | 48 399 | 149 416 | 8 111 | 20 275 | 279 | 845 | 4 246 | 9 865 | 1 140 | 1 626 |
| DENTAL HYGIENISTS | 708 | 95 484 | 592 | 94 099 | 48 | 667 | - | 37 | 68 | 514 | - | 167 |
| HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS | 1 314 | 13 833 | 995 | 11 796 | 196 | 1 295 | 8 | 187 | 73 | 398 | 42 | 157 |
| RADIOLOGIC TECHNICIANS | 27 356 | 68 955 | 22 372 | 62 268 | 2 917 | 5 097 | 167 | 231 | 1 238 | 696 | 662 | 663 |
| LICENSED PRACTICAL NURSES | 14 764 | 420 412 | 11 012 | 331 430 | 2 952 | 75 698 | 128 | 2 822 | 358 | 5 956 | 324 | 4 506 |
| HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C. | 55 858 | 96 681 | 45 979 | 78 683 | 6 352 | 14 050 | 406 | 953 | 2 017 | 2 128 | 1 104 | 1 267 |
| TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH | 1 559 356 | 513 909 | 1 407 802 | 441 805 | 76 228 | 44 337 | 6 795 | 2 573 | 49 379 | 18 332 | 19 152 | 6 862 |
| ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS | 788 943 | 158 072 | 715 138 | 135 975 | 36 985 | 13 243 | 3 823 | 682 | 21 867 | 5 951 | 11 130 | 2 621 |
| ELECTRICAL AND ELECTRONIC TECHNICIANS | 235 581 | 30 603 | 210 340 | 24 579 | 12 619 | 3 733 | 974 | 155 | 8 216 | 1 333 | 3 432 | 803 |
| INDUSTRIAL ENGINEERING TECHNICIANS | 8 404 | 2 240 | 7 868 | 2 007 | 400 | 169 | 20 | 7 | 46 | 25 | 70 | 32 |
| MECHANICAL ENGINEERING TECHNICIANS | 14 588 | 1 004 | 13 388 | 870 | 643 | 86 | 35 | 3 | 325 | 8 | 197 | 37 |
| ENGINEERING TECHNICIANS, N.E.C. | 207 139 | 64 895 | 190 864 | 55 480 | 9 214 | 6 107 | 739 | 193 | 4 114 | 2 192 | 2 208 | 923 |
| DRAFTING OCCUPATIONS | 274 659 | 54 808 | 247 210 | 49 180 | 12 690 | 2 686 | 1 405 | 261 | 8 739 | 1 904 | 4 615 | 777 |
| SURVEYING AND MAPPING TECHNICIANS | 48 572 | 4 522 | 45 468 | 3 859 | 1 419 | 462 | 650 | 63 | 427 | 89 | 608 | 49 |
| SCIENCE TECHNICIANS | 132 393 | 60 467 | 117 439 | 51 652 | 8 800 | 5 718 | 502 | 257 | 3 847 | 1 825 | 1 805 | 1 015 |
| BIOLOGICAL TECHNICIANS | 26 901 | 19 503 | 23 860 | 17 002 | 1 728 | 1 546 | 149 | 97 | 739 | 574 | 425 | 334 |
| CHEMICAL TECHNICIANS | 56 768 | 16 655 | 49 872 | 13 954 | 4 555 | 1 895 | 153 | 78 | 1 500 | 484 | 688 | 294 |
| SCIENCE TECHNICIANS, N.E.C. | 48 724 | 24 309 | 43 707 | 20 696 | 2 517 | 2 327 | 200 | 132 | 1 608 | 767 | 692 | 387 |
| TECHNICIANS; EXC. HEALTH, ENGINEERING, & SCIENCE | 638 020 | 295 370 | 575 225 | 294 178 | 30 443 | 25 376 | 2 470 | 1 634 | 23 645 | 10 956 | 6 217 | 3 226 |
| AIRPLANE PILOTS AND NAVIGATORS | 75 149 | 1 039 | 73 572 | 986 | 652 | 26 | 285 | - | 451 | 13 | 189 | 14 |
| AIR TRAFFIC CONTROLLERS | 34 879 | 6 164 | 31 832 | 5 124 | 2 061 | 830 | 164 | 57 | 472 | 91 | 350 | 62 |
| BROADCAST EQUIPMENT OPERATORS | 40 707 | 32 015 | 37 291 | 28 087 | 2 280 | 2 762 | 368 | 482 | 286 | 191 | 482 | 493 |
| COMPUTER PROGRAMMERS | 218 716 | 98 957 | 197 252 | 84 406 | 10 053 | 7 934 | 635 | 277 | 9 024 | 5 573 | 1 752 | 767 |
| TOOL PROGRAMMERS, NUMERICAL CONTROL | 6 313 | 2 262 | 5 861 | 1 853 | 190 | 254 | - | 8 | 185 | 119 | 97 | 28 |
| LEGAL ASSISTANTS | 24 566 | 54 621 | 22 061 | 50 458 | 1 593 | 2 762 | 124 | 286 | 409 | 559 | 379 | 556 |
| TECHNICIANS, N.E.C. | 237 690 | 100 312 | 207 376 | 83 264 | 13 614 | 10 808 | 894 | 524 | 12 838 | 4 410 | 2 968 | 1 306 |

## Table 2. **Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON. | | | | | | | | | | | | |
| SALES OCCUPATIONS | 5 261 974 | 4 995 335 | 4 915 345 | 4 495 264 | 202 466 | 331 009 | 14 318 | 20 055 | 70 031 | 76 969 | 59 814 | 72 038 |
| SUPERVISORS & PROPRS., SALES OCCUPATIONS, SALARIED. | 812 207 | 318 974 | 760 619 | 295 781 | 27 705 | 14 613 | 2 551 | 1 158 | 11 842 | 4 090 | 9 490 | 3 332 |
| SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED. | 324 838 | 126 518 | 302 505 | 117 467 | 9 701 | 3 704 | 989 | 549 | 8 068 | 3 740 | 3 575 | 1 058 |
| SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES. | 1 192 820 | 653 562 | 1 132 875 | 612 221 | 36 781 | 25 907 | 2 487 | 2 036 | 13 815 | 8 844 | 6 862 | 4 554 |
| INSURANCE SALES OCCUPATIONS | 423 736 | 144 128 | 397 433 | 128 760 | 18 080 | 11 599 | 764 | 417 | 4 907 | 2 174 | 2 552 | 1 178 |
| REAL ESTATE SALES OCCUPATIONS | 360 675 | 297 700 | 345 175 | 287 172 | 7 997 | 5 053 | 904 | 864 | 4 666 | 3 297 | 1 933 | 1 314 |
| SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS. | 107 750 | 24 638 | 103 648 | 22 657 | 2 152 | 1 230 | 130 | 115 | 1 428 | 386 | 392 | 250 |
| ADVERTISING AND RELATED SALES OCCUPATIONS | 66 677 | 47 532 | 63 861 | 45 017 | 1 857 | 1 721 | 131 | 151 | 494 | 395 | 334 | 248 |
| SALES OCCUPATIONS, OTHER BUSINESS SERVICES. | 233 982 | 139 564 | 222 758 | 128 615 | 6 695 | 6 304 | 558 | 489 | 2 320 | 2 592 | 1 651 | 1 564 |
| SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL. | 1 112 852 | 188 394 | 1 070 191 | 174 005 | 24 326 | 8 631 | 2 185 | 713 | 8 369 | 2 729 | 7 781 | 2 316 |
| SALES ENGINEERS | 42 646 | 1 423 | 41 812 | 1 347 | 335 | 52 | 23 | 7 | 405 | 11 | 71 | 6 |
| SALES REPS., MINING, MANUFACTURING, & WHOLESALE | 1 070 206 | 186 971 | 1 028 379 | 172 658 | 23 991 | 8 579 | 2 162 | 706 | 7 964 | 2 718 | 7 710 | 2 310 |
| SALES WORKERS, RETAIL AND PERSONAL SERVICES | 1 806 647 | 3 692 620 | 1 637 219 | 3 281 601 | 103 512 | 277 500 | 6 055 | 15 510 | 27 848 | 57 375 | 32 013 | 60 634 |
| SALES WORKERS, MOTOR VEHICLES AND BOATS | 260 889 | 22 219 | 246 369 | 20 966 | 8 802 | 803 | 799 | 100 | 1 604 | 175 | 3 315 | 175 |
| SALES WORKERS, APPAREL. | 80 796 | 361 976 | 70 531 | 328 889 | 6 811 | 21 728 | 222 | 1 036 | 1 579 | 5 061 | 1 653 | 5 262 |
| SALES WORKERS, SHOES. | 50 331 | 65 611 | 42 579 | 59 753 | 5 365 | 3 976 | 159 | 195 | 703 | 661 | 1 525 | 1 026 |
| SALES WORKERS, FURNITURE AND HOME FURNISHINGS | 86 818 | 63 224 | 82 108 | 60 490 | 2 821 | 1 529 | 235 | 168 | 454 | 479 | 1 200 | 558 |
| SALES WORKERS; RADIO, TV, HI-FI, AND APPLIANCES | 82 233 | 33 093 | 76 606 | 30 555 | 3 566 | 1 629 | 205 | 87 | 825 | 304 | 1 031 | 518 |
| SALES WORKERS, HARDWARE AND BUILDING SUPPLIES | 145 769 | 48 495 | 138 609 | 46 450 | 3 884 | 884 | 394 | 172 | 1 120 | 465 | 1 762 | 524 |
| SALES WORKERS, PARTS. | 181 487 | 16 687 | 172 708 | 15 541 | 3 986 | 626 | 695 | 116 | 1 317 | 224 | 2 781 | 180 |
| SALES WORKERS, OTHER COMMODITIES. | 463 456 | 1 234 929 | 417 675 | 1 122 686 | 28 338 | 71 951 | 1 375 | 4 288 | 8 719 | 19 521 | 7 349 | 16 483 |
| SALES COUNTER CLERKS. | 25 398 | 70 507 | 22 821 | 61 669 | 1 634 | 6 385 | 84 | 271 | 444 | 1 130 | 415 | 1 052 |
| CASHIERS. | 310 338 | 1 565 502 | 258 030 | 1 338 830 | 31 552 | 158 338 | 1 373 | 8 119 | 9 875 | 27 579 | 9 508 | 32 636 |
| STREET AND DOOR-TO-DOOR SALES WORKERS | 47 848 | 174 861 | 43 746 | 162 785 | 2 716 | 7 869 | 232 | 785 | 524 | 1 510 | 630 | 1 912 |
| NEWS VENDORS. | 71 284 | 35 516 | 65 437 | 32 987 | 4 037 | 1 782 | 282 | 173 | 684 | 266 | 844 | 308 |
| SALES RELATED OCCUPATIONS | 12 610 | 15 267 | 11 936 | 14 189 | 441 | 654 | 51 | 89 | 89 | 191 | 93 | 144 |
| DEMONSTRATORS, PROMOTERS AND MODELS, SALES. | 2 665 | 10 065 | 2 397 | 9 365 | 164 | 427 | 24 | 49 | 29 | 129 | 51 | 95 |
| AUCTIONEERS | 5 932 | 1 010 | 5 801 | 910 | 82 | 49 | 16 | 32 | 23 | 19 | 10 | - |
| SALES SUPPORT OCCUPATIONS, N.E.C. | 4 013 | 4 192 | 3 738 | 3 914 | 195 | 178 | 11 | 8 | 37 | 43 | 32 | 49 |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL | 4 018 231 | 13 585 426 | 3 354 512 | 11 759 115 | 470 927 | 1 291 493 | 18 057 | 65 845 | 83 656 | 211 819 | 91 079 | 217 134 |
| SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS | 569 626 | 508 547 | 502 964 | 439 442 | 47 726 | 53 069 | 2 301 | 2 188 | 8 593 | 7 260 | 8 042 | 6 588 |
| SUPERVISORS, GENERAL OFFICE | 282 671 | 362 658 | 244 730 | 311 400 | 27 308 | 39 290 | 1 457 | 1 679 | 4 472 | 5 037 | 4 704 | 5 252 |
| SUPERVISORS, COMPUTER EQUIPMENT OPERATORS | 30 028 | 12 599 | 27 215 | 10 847 | 1 869 | 1 276 | 34 | 34 | 664 | 258 | 246 | 184 |
| SUPERVISORS, FINANCIAL RECORDS PROCESSING | 81 455 | 78 447 | 76 635 | 71 166 | 2 592 | 4 975 | 198 | 266 | 1 514 | 1 475 | 516 | 565 |
| CHIEF COMMUNICATIONS OPERATORS. | 44 101 | 23 104 | 41 021 | 19 441 | 2 147 | 3 265 | 136 | 74 | 402 | 141 | 395 | 183 |
| SUPERVISORS; DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS | 131 371 | 31 739 | 113 363 | 26 588 | 13 810 | 4 263 | 476 | 135 | 1 541 | 349 | 2 181 | 404 |
| COMPUTER EQUIPMENT OPERATORS. | 171 529 | 249 052 | 141 671 | 208 381 | 20 009 | 29 933 | 798 | 1 193 | 5 582 | 5 380 | 3 469 | 4 165 |
| COMPUTER OPERATORS. | 161 936 | 233 611 | 133 986 | 195 336 | 18 681 | 28 041 | 747 | 1 151 | 5 285 | 5 082 | 3 237 | 4 001 |
| PERIPHERAL EQUIPMENT OPERATORS. | 9 593 | 15 441 | 7 685 | 13 045 | 1 328 | 1 892 | 51 | 42 | 297 | 298 | 232 | 164 |
| SECRETARIES, STENOGRAPHERS AND TYPISTS. | 80 845 | 4 746 055 | 66 740 | 4 252 100 | 9 327 | 348 922 | 561 | 22 320 | 2 250 | 56 808 | 1 967 | 65 905 |
| SECRETARIES | 49 249 | 3 949 973 | 42 579 | 3 616 886 | 4 356 | 227 552 | 302 | 16 905 | 1 127 | 40 719 | 885 | 47 911 |
| STENOGRAPHERS | 7 996 | 79 633 | 7 395 | 68 950 | 379 | 7 687 | 6 | 300 | 95 | 1 655 | 121 | 1 041 |
| TYPISTS | 23 600 | 716 449 | 16 766 | 566 264 | 4 592 | 113 683 | 253 | 5 115 | 1 028 | 14 434 | 961 | 16 953 |
| INFORMATION CLERKS. | 139 851 | 814 477 | 116 298 | 708 386 | 15 565 | 73 802 | 1 000 | 5 007 | 3 727 | 11 430 | 3 261 | 15 852 |
| INTERVIEWERS. | 33 654 | 115 244 | 26 792 | 97 353 | 4 947 | 12 857 | 541 | 1 378 | 448 | 1 627 | 926 | 2 029 |
| HOTEL CLERKS. | 21 113 | 45 269 | 18 521 | 40 814 | 1 394 | 2 723 | 107 | 321 | 652 | 923 | 439 | 488 |
| TRANSPORTATION TICKET AND RESERVATION AGENTS. | 43 617 | 59 332 | 36 993 | 49 727 | 4 193 | 6 719 | 148 | 211 | 1 439 | 1 834 | 894 | 841 |
| RECEPTIONISTS | 22 870 | 525 290 | 18 136 | 462 655 | 3 239 | 42 328 | 111 | 2 740 | 720 | 6 219 | 664 | 11 348 |
| INFORMATION CLERKS, N.E.C. | 18 597 | 69 342 | 15 856 | 57 837 | 1 842 | 9 175 | 93 | 357 | 468 | 827 | 338 | 1 146 |
| RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL. | 231 056 | 786 589 | 188 313 | 645 693 | 29 583 | 106 984 | 1 012 | 3 698 | 5 650 | 14 057 | 6 498 | 16 157 |
| CLASSIFIED-AD CLERKS. | 3 125 | 11 226 | 2 828 | 10 128 | 182 | 727 | 4 | 64 | 84 | 153 | 27 | 154 |
| CORRESPONDENCE CLERKS | 3 701 | 16 043 | 3 232 | 13 272 | 294 | 2 374 | 4 | 53 | 113 | 152 | 58 | 192 |
| ORDER CLERKS. | 106 311 | 219 604 | 88 556 | 185 681 | 12 383 | 26 332 | 457 | 733 | 1 428 | 2 722 | 3 487 | 4 136 |
| PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING. | 9 794 | 67 845 | 7 782 | 56 308 | 1 544 | 8 273 | 84 | 336 | 199 | 1 488 | 185 | 1 440 |
| LIBRARY CLERKS. | 27 535 | 119 226 | 22 012 | 101 128 | 3 213 | 12 933 | 154 | 500 | 1 409 | 2 840 | 747 | 1 825 |
| FILE CLERKS | 60 379 | 240 903 | 47 245 | 184 427 | 9 704 | 43 896 | 233 | 1 427 | 1 664 | 4 644 | 1 533 | 6 509 |
| RECORDS CLERKS. | 20 211 | 111 742 | 16 658 | 94 749 | 2 263 | 12 449 | 76 | 585 | 793 | 2 058 | 461 | 1 901 |

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## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON. | | | | | | | | | | | | |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL--CON. | | | | | | | | | | | | |
| FINANCIAL RECORDS PROCESSING OCCUPATIONS | 272 307 | 2 067 091 | 236 977 | 1 901 261 | 19 709 | 102 247 | 1 220 | 7 728 | 9 744 | 33 960 | 4 657 | 21 895 |
| BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS | 194 630 | 1 700 843 | 169 795 | 1 580 754 | 13 231 | 70 187 | 814 | 6 247 | 7 652 | 27 296 | 3 138 | 16 359 |
| PAYROLL AND TIMEKEEPING CLERKS | 28 067 | 137 782 | 24 361 | 121 778 | 2 452 | 11 255 | 148 | 672 | 687 | 2 064 | 419 | 2 013 |
| BILLING CLERKS | 14 882 | 120 185 | 12 357 | 106 780 | 1 575 | 9 329 | 68 | 392 | 511 | 1 927 | 371 | 1 757 |
| COST AND RATE CLERKS | 27 725 | 61 273 | 25 284 | 53 073 | 1 364 | 5 704 | 153 | 211 | 428 | 1 376 | 496 | 909 |
| BILLING, POSTING, & CALCULATING MACH. OPERATORS | 7 003 | 47 008 | 5 180 | 38 876 | 1 087 | 5 772 | 37 | 206 | 466 | 1 297 | 233 | 857 |
| DUPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS | 21 424 | 40 790 | 16 062 | 32 034 | 3 804 | 6 862 | 73 | 260 | 747 | 786 | 738 | 848 |
| DUPLICATING MACHINE OPERATORS | 7 758 | 12 022 | 5 751 | 9 360 | 1 431 | 2 090 | 18 | 51 | 270 | 281 | 288 | 240 |
| MAIL PREPARING & PAPER HANDLING MACH. OPERATORS | 2 809 | 4 690 | 2 188 | 3 922 | 482 | 595 | 13 | 44 | 70 | 52 | 54 | 77 |
| OFFICE MACHINE OPERATORS, N.E.C. | 10 857 | 24 078 | 8 123 | 18 752 | 1 891 | 4 177 | 42 | 165 | 407 | 453 | 394 | 531 |
| COMMUNICATIONS EQUIPMENT OPERATORS | 34 115 | 289 800 | 27 418 | 238 937 | 4 880 | 41 394 | 198 | 1 880 | 541 | 2 675 | 1 078 | 4 914 |
| TELEPHONE OPERATORS | 27 553 | 278 807 | 21 815 | 229 221 | 4 119 | 40 402 | 172 | 1 830 | 471 | 2 568 | 976 | 4 786 |
| TELEGRAPHERS | 5 083 | 2 906 | 4 413 | 2 373 | 540 | 420 | 16 | 8 | 53 | 59 | 61 | 46 |
| COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C. | 1 479 | 8 087 | 1 190 | 7 343 | 221 | 572 | 10 | 42 | 17 | 48 | 41 | 82 |
| MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS | 562 281 | 240 061 | 442 728 | 176 533 | 94 425 | 54 523 | 1 897 | 1 268 | 10 502 | 3 761 | 12 729 | 3 976 |
| POSTAL CLERKS, EXC. MAIL CARRIERS | 175 047 | 98 105 | 130 635 | 61 789 | 35 758 | 32 773 | 557 | 553 | 4 272 | 1 749 | 3 825 | 1 241 |
| MAIL CARRIERS, POSTAL SERVICE | 226 463 | 34 111 | 192 858 | 29 366 | 26 393 | 3 925 | 726 | 179 | 2 876 | 268 | 3 610 | 373 |
| MAIL CLERKS, EXC. POSTAL SERVICE | 94 076 | 85 124 | 68 819 | 66 747 | 19 438 | 14 575 | 413 | 420 | 2 186 | 1 419 | 3 220 | 1 963 |
| MESSENGERS | 66 695 | 22 721 | 50 416 | 18 631 | 12 836 | 3 250 | 201 | 116 | 1 168 | 325 | 2 074 | 399 |
| MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. | 1 154 459 | 607 226 | 960 958 | 512 632 | 139 717 | 70 652 | 5 117 | 3 336 | 16 884 | 9 000 | 31 783 | 11 606 |
| DISPATCHERS | 67 779 | 31 213 | 62 312 | 27 003 | 3 915 | 3 186 | 225 | 272 | 606 | 359 | 721 | 393 |
| PRODUCTION COORDINATORS | 147 496 | 117 841 | 131 435 | 101 563 | 10 913 | 12 079 | 587 | 580 | 2 264 | 1 755 | 2 297 | 1 864 |
| TRAFFIC, SHIPPING, AND RECEIVING CLERKS | 392 387 | 121 013 | 314 273 | 102 533 | 56 093 | 13 489 | 1 667 | 674 | 5 284 | 1 506 | 15 070 | 2 811 |
| STOCK AND INVENTORY CLERKS | 398 002 | 211 880 | 327 452 | 177 694 | 51 537 | 25 488 | 1 896 | 1 188 | 7 111 | 3 683 | 10 006 | 3 827 |
| METER READERS | 38 175 | 4 459 | 30 841 | 3 651 | 5 841 | 658 | 222 | 36 | 288 | 21 | 983 | 93 |
| WEIGHERS, MEASURERS, AND CHECKERS | 48 581 | 29 476 | 40 634 | 23 836 | 5 979 | 4 313 | 285 | 236 | 355 | 250 | 1 328 | 841 |
| SAMPLERS | 1 472 | 1 196 | 1 305 | 1 057 | 133 | 118 | - | - | 28 | 6 | 6 | 15 |
| EXPEDITERS | 50 597 | 59 744 | 44 490 | 50 972 | 4 142 | 6 783 | 155 | 254 | 687 | 818 | 1 123 | 917 |
| MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C. | 9 970 | 30 404 | 8 216 | 24 323 | 1 164 | 4 538 | 80 | 96 | 261 | 602 | 249 | 845 |
| ADJUSTERS AND INVESTIGATORS | 199 792 | 331 705 | 179 340 | 273 982 | 14 065 | 44 147 | 745 | 1 566 | 3 003 | 6 453 | 2 639 | 5 557 |
| INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS | 66 505 | 100 553 | 61 611 | 82 917 | 3 287 | 13 745 | 169 | 304 | 920 | 2 337 | 518 | 1 250 |
| INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE | 94 059 | 157 138 | 84 002 | 130 550 | 6 914 | 20 436 | 452 | 679 | 1 484 | 2 924 | 1 207 | 2 549 |
| ELIGIBILITY CLERKS, SOCIAL WELFARE | 4 511 | 20 207 | 3 400 | 14 849 | 567 | 4 010 | 29 | 231 | 249 | 548 | 266 | 569 |
| BILL AND ACCOUNT COLLECTORS | 34 717 | 53 807 | 30 327 | 45 666 | 3 297 | 5 956 | 95 | 352 | 350 | 644 | 648 | 1 189 |
| MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS | 580 946 | 2 864 033 | 475 043 | 2 369 734 | 72 117 | 358 958 | 3 135 | 15 401 | 16 433 | 60 249 | 14 218 | 59 691 |
| GENERAL OFFICE CLERKS | 311 530 | 1 425 083 | 251 346 | 1 180 189 | 42 097 | 181 672 | 1 499 | 7 323 | 8 761 | 28 150 | 7 827 | 27 749 |
| BANK TELLERS | 45 310 | 464 139 | 36 698 | 411 388 | 5 474 | 34 267 | 102 | 1 383 | 1 431 | 8 785 | 1 605 | 8 316 |
| PROOFREADERS | 6 143 | 22 802 | 5 544 | 20 482 | 390 | 1 640 | 20 | 101 | 153 | 307 | 36 | 272 |
| DATA-ENTRY KEYERS | 29 973 | 364 842 | 22 573 | 280 237 | 4 826 | 60 887 | 169 | 1 716 | 1 459 | 13 608 | 946 | 8 394 |
| STATISTICAL CLERKS | 36 003 | 107 549 | 30 436 | 88 564 | 4 003 | 14 665 | 108 | 648 | 815 | 1 903 | 641 | 1 769 |
| TEACHERS' AIDES | 16 163 | 199 546 | 11 096 | 151 597 | 3 192 | 34 341 | 337 | 2 582 | 765 | 2 220 | 773 | 8 806 |
| ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C. | 135 824 | 280 072 | 117 350 | 237 277 | 12 135 | 31 486 | 900 | 1 648 | 3 049 | 5 276 | 2 390 | 4 385 |
| SERVICE OCCUPATIONS | 5 585 380 | 8 020 694 | 4 320 713 | 6 126 079 | 893 140 | 1 502 133 | 41 769 | 63 920 | 134 516 | 141 727 | 195 242 | 186 835 |
| PRIVATE HOUSEHOLD OCCUPATIONS | 29 494 | 397 451 | 17 120 | 316 124 | 9 812 | 246 320 | 250 | 3 605 | 1 158 | 8 187 | 1 154 | 23 215 |
| LAUNDERERS AND IRONERS | 548 | 1 753 | 380 | 1 106 | 46 | 531 | - | 15 | 110 | 55 | 12 | 46 |
| COOKS, PRIVATE HOUSEHOLD | 1 590 | 10 231 | 743 | 4 615 | 537 | 5 150 | 6 | 71 | 260 | 150 | 44 | 245 |
| HOUSEKEEPERS AND BUTLERS | 2 489 | 66 531 | 1 346 | 34 275 | 881 | 25 238 | 26 | 414 | 117 | 1 613 | 119 | 4 991 |
| CHILD CARE WORKERS, PRIVATE HOUSEHOLD | 4 130 | 155 785 | 3 379 | 132 218 | 558 | 17 159 | 28 | 972 | 82 | 1 837 | 83 | 3 599 |
| PRIVATE HOUSEHOLD CLEANERS AND SERVANTS | 20 737 | 363 151 | 11 272 | 143 910 | 7 790 | 198 242 | 190 | 2 133 | 589 | 4 532 | 896 | 14 334 |
| PROTECTIVE SERVICE OCCUPATIONS | 1 359 969 | 181 932 | 1 158 655 | 141 804 | 158 794 | 34 133 | 9 682 | 1 656 | 11 783 | 1 531 | 21 055 | 2 808 |
| SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS | 92 010 | 4 171 | 84 214 | 3 234 | 5 953 | 756 | 438 | 91 | 734 | 15 | 671 | 75 |
| SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS | 20 750 | 109 | 19 849 | 93 | 514 | 10 | 133 | - | 173 | - | 81 | 6 |
| SUPERVISORS, POLICE AND DETECTIVES | 49 561 | 1 745 | 46 089 | 1 320 | 2 584 | 336 | 231 | 37 | 307 | - | 350 | 52 |
| SUPERVISORS, GUARDS | 21 699 | 2 317 | 18 276 | 1 821 | 2 855 | 410 | 74 | 54 | 254 | 15 | 240 | 17 |

## Table 2. **Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| SERVICE OCCUPATIONS--CON. | | | | | | | | | | | | |
| PROTECTIVE SERVICE OCCUPATIONS--CON. | | | | | | | | | | | | |
| FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS | 211 483 | 4 243 | 192 974 | 3 747 | 12 983 | 333 | 1 573 | 114 | 1 458 | 11 | 2 495 | 38 |
| FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS | 20 489 | 2 145 | 18 917 | 1 995 | 979 | 113 | 297 | 26 | 70 | 5 | 226 | 6 |
| FIREFIGHTING OCCUPATIONS | 190 994 | 2 098 | 174 057 | 1 752 | 12 004 | 220 | 1 276 | 88 | 1 388 | 6 | 2 269 | 32 |
| POLICE AND DETECTIVES | 522 165 | 45 514 | 457 502 | 34 194 | 50 312 | 9 792 | 3 859 | 538 | 3 229 | 274 | 7 263 | 716 |
| POLICE AND DETECTIVES, PUBLIC SERVICE | 390 921 | 24 848 | 349 456 | 18 936 | 31 289 | 4 964 | 2 785 | 326 | 2 585 | 154 | 4 806 | 468 |
| SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS | 54 714 | 7 901 | 48 864 | 6 459 | 4 314 | 1 298 | 399 | 39 | 264 | 35 | 873 | 70 |
| CORRECTIONAL INSTITUTION OFFICERS | 76 530 | 12 765 | 59 182 | 8 799 | 14 709 | 3 530 | 675 | 173 | 380 | 85 | 1 584 | 178 |
| GUARDS | 534 311 | 128 004 | 423 965 | 100 629 | 89 546 | 23 252 | 3 812 | 913 | 6 362 | 1 231 | 10 626 | 1 979 |
| CROSSING GUARDS | 12 805 | 33 777 | 11 070 | 27 674 | 1 457 | 5 419 | 28 | 158 | 105 | 69 | 145 | 457 |
| GUARDS AND POLICE, EXC. PUBLIC SERVICE | 499 152 | 77 842 | 393 596 | 57 584 | 85 988 | 17 115 | 3 586 | 687 | 5 950 | 1 097 | 10 032 | 1 359 |
| PROTECTIVE SERVICE OCCUPATIONS, N.E.C. | 22 354 | 16 385 | 19 299 | 15 371 | 2 101 | 718 | 198 | 68 | 307 | 65 | 449 | 163 |
| SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD | | | | | | | | | | | | |
| FOOD PREPARATION AND SERVICE OCCUPATIONS | 8 195 917 | 7 241 311 | 3 144 938 | 5 668 151 | 724 534 | 1 221 680 | 31 837 | 58 659 | 121 575 | 132 009 | 173 033 | 160 812 |
| SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS | 1 644 891 | 3 185 213 | 1 273 632 | 2 701 891 | 203 841 | 341 811 | 9 645 | 23 210 | 80 269 | 63 387 | 77 504 | 54 914 |
| BARTENDERS | 105 501 | 142 280 | 80 900 | 123 852 | 12 791 | 12 604 | 363 | 680 | 7 703 | 3 072 | 3 744 | 2 072 |
| WAITERS AND WAITRESSES | 177 283 | 141 142 | 160 774 | 133 272 | 8 434 | 3 375 | 845 | 1 471 | 3 753 | 1 807 | 3 477 | 1 217 |
| COOKS, EXCEPT SHORT ORDER | 180 165 | 1 325 928 | 138 913 | 1 212 870 | 17 909 | 61 058 | 666 | 7 749 | 13 971 | 26 852 | 8 706 | 17 399 |
| SHORT-ORDER COOKS | 578 320 | 771 878 | 429 310 | 582 166 | 83 292 | 153 457 | 3 816 | 7 658 | 34 293 | 12 741 | 27 609 | 15 856 |
| FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS | 49 916 | 30 826 | 41 049 | 24 409 | 6 582 | 5 370 | 266 | 214 | 850 | 385 | 1 169 | 448 |
| KITCHEN WORKERS, FOOD PREPARATION | 40 098 | 171 867 | 32 945 | 149 159 | 4 426 | 14 280 | 212 | 951 | 1 143 | 3 831 | 1 372 | 3 646 |
| WAITERS'/WAITRESSES' ASSISTANTS | 23 215 | 83 394 | 17 541 | 63 426 | 3 488 | 16 258 | 78 | 489 | 759 | 1 561 | 1 349 | 1 660 |
| MISCELLANEOUS FOOD PREPARATION OCCUPATIONS | 171 282 | 121 927 | 134 539 | 98 040 | 18 401 | 17 533 | 864 | 506 | 6 362 | 2 632 | 11 116 | 3 216 |
| | 319 111 | 395 971 | 237 661 | 314 697 | 48 518 | 57 876 | 2 535 | 3 492 | 11 435 | 10 506 | 18 962 | 9 400 |
| HEALTH SERVICE OCCUPATIONS | 217 030 | 1 611 254 | 143 689 | 1 166 872 | 60 923 | 376 883 | 1 889 | 13 394 | 4 834 | 23 901 | 5 695 | 30 204 |
| DENTAL ASSISTANTS | 3 294 | 154 823 | 2 578 | 142 404 | 429 | 6 337 | 14 | 891 | 208 | 2 334 | 65 | 2 857 |
| HEALTH AIDES, EXCEPT NURSING | 45 375 | 246 674 | 31 820 | 193 392 | 10 161 | 42 988 | 435 | 1 541 | 1 487 | 3 713 | 1 472 | 5 040 |
| NURSING AIDES, ORDERLIES, AND ATTENDANTS | 168 361 | 1 209 757 | 109 291 | 831 076 | 50 333 | 327 558 | 1 440 | 10 962 | 3 139 | 17 854 | 4 158 | 22 307 |
| CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD | 1 930 692 | 1 049 412 | 1 406 675 | 651 328 | 402 958 | 324 405 | 16 828 | 10 381 | 27 301 | 22 368 | 76 930 | 40 930 |
| SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS | 83 593 | 33 226 | 65 826 | 21 790 | 14 047 | 9 411 | 540 | 220 | 856 | 780 | 2 324 | 1 025 |
| MAIDS AND HOUSEMEN | 163 281 | 510 277 | 96 439 | 296 953 | 51 435 | 172 267 | 1 140 | 5 418 | 3 938 | 13 642 | 10 329 | 21 997 |
| JANITORS AND CLEANERS | 1 631 534 | 498 623 | 1 202 548 | 328 189 | 330 116 | 140 154 | 14 881 | 4 687 | 21 758 | 7 852 | 62 231 | 17 741 |
| ELEVATOR OPERATORS | 16 869 | 5 113 | 11 616 | 2 601 | 3 809 | 2 324 | 47 | 27 | 228 | 22 | 1 169 | 139 |
| PEST CONTROL OCCUPATIONS | 35 415 | 2 173 | 30 246 | 1 795 | 3 551 | 249 | 220 | 29 | 521 | 72 | 877 | 28 |
| PERSONAL SERVICE OCCUPATIONS | 403 304 | 1 395 432 | 320 942 | 1 148 060 | 56 812 | 178 581 | 3 475 | 11 674 | 9 171 | 22 353 | 12 904 | 34 764 |
| SUPERVISORS, PERSONAL SERVICE OCCUPATIONS | 16 293 | 12 707 | 14 303 | 11 353 | 1 277 | 951 | 86 | 47 | 347 | 195 | 280 | 161 |
| BARBERS | 90 939 | 14 521 | 77 522 | 11 938 | 9 753 | 1 637 | 653 | 149 | 834 | 536 | 2 377 | 261 |
| HAIRDRESSERS AND COSMETOLOGISTS | 68 469 | 490 785 | 60 340 | 437 933 | 4 445 | 33 623 | 407 | 2 220 | 1 009 | 7 640 | 2 268 | 9 369 |
| ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES | 64 768 | 40 155 | 54 886 | 33 398 | 6 434 | 4 152 | 555 | 427 | 1 414 | 1 486 | 1 479 | 692 |
| GUIDES | 11 998 | 16 013 | 9 093 | 13 046 | 1 347 | 1 741 | 125 | 79 | 1 127 | 975 | 306 | 172 |
| USHERS | 16 318 | 7 716 | 14 149 | 6 437 | 1 455 | 930 | 42 | 49 | 332 | 180 | 340 | 122 |
| PUBLIC TRANSPORTATION ATTENDANTS | 15 280 | 54 641 | 10 546 | 47 819 | 3 363 | 4 688 | 102 | 159 | 748 | 1 417 | 521 | 558 |
| BAGGAGE PORTERS AND BELLHOPS | 19 980 | 1 510 | 11 486 | 979 | 6 788 | 396 | 84 | 17 | 859 | 61 | 763 | 57 |
| WELFARE SERVICE AIDES | 7 075 | 53 730 | 4 233 | 31 303 | 1 794 | 18 525 | 314 | 697 | 224 | 687 | 510 | 2 518 |
| CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD | 41 872 | 570 794 | 28 130 | 452 893 | 9 839 | 87 291 | 904 | 6 869 | 903 | 6 400 | 2 096 | 17 341 |
| PERSONAL SERVICE OCCUPATIONS, N.E.C. | 50 312 | 132 860 | 36 254 | 100 961 | 10 317 | 24 647 | 403 | 961 | 1 374 | 2 776 | 1 964 | 3 515 |
| FARMING, FORESTRY, AND FISHING OCCUPATIONS | 2 581 013 | 451 251 | 2 217 615 | 377 104 | 180 208 | 32 509 | 20 383 | 3 308 | 31 845 | 7 972 | 130 962 | 30 358 |
| FARM OPERATORS AND MANAGERS | 1 184 637 | 130 136 | 1 144 098 | 124 007 | 24 007 | 3 499 | 3 257 | 585 | 6 728 | 1 354 | 6 547 | 691 |
| FARMERS, EXCEPT HORTICULTURAL | 1 032 759 | 111 944 | 1 007 439 | 108 560 | 14 503 | 1 608 | 2 731 | 478 | 4 585 | 895 | 3 501 | 403 |
| HORTICULTURAL SPECIALTY FARMERS | 11 589 | 2 256 | 10 451 | 2 082 | 644 | 46 | 42 | 7 | 261 | 102 | 191 | 19 |
| MANAGERS, FARMS, EXCEPT HORTICULTURAL | 127 216 | 13 363 | 115 685 | 11 202 | 7 324 | 1 601 | 392 | 66 | 1 522 | 239 | 2 293 | 235 |
| MANAGERS, HORTICULTURAL SPECIALTY FARMS | 13 073 | 2 573 | 10 523 | 2 163 | 1 536 | 244 | 92 | 14 | 360 | 118 | 562 | 34 |
| FARM OCCUPATIONS, EXCEPT MANAGERIAL | 758 060 | 217 897 | 564 533 | 165 994 | 79 112 | 21 240 | 7 608 | 1 543 | 11 166 | 4 754 | 95 641 | 24 366 |
| SUPERVISORS, FARM WORKERS | 44 769 | 9 021 | 35 698 | 6 973 | 2 655 | 1 319 | 450 | 78 | 1 229 | 221 | 4 737 | 430 |
| FARM WORKERS | 694 666 | 192 432 | 514 797 | 145 400 | 75 506 | 18 911 | 7 077 | 1 347 | 9 380 | 3 783 | 87 906 | 22 991 |
| MARINE LIFE CULTIVATION WORKERS | 613 | 720 | 515 | 363 | 32 | 122 | 24 | 12 | 33 | 194 | 9 | 29 |
| NURSERY WORKERS | 18 012 | 15 724 | 13 523 | 13 258 | 919 | 888 | 57 | 106 | 524 | 556 | 2 989 | 916 |

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## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON. | | | | | | | | | | | | |
| RELATED AGRICULTURAL OCCUPATIONS | 436 316 | 90 765 | 338 610 | 77 107 | 54 001 | 6 169 | 4 403 | 704 | 12 706 | 1 705 | 26 596 | 5 080 |
| SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS | 19 335 | 1 617 | 17 549 | 1 333 | 928 | 215 | 166 | 6 | 167 | 16 | 525 | 47 |
| GROUNDSKEEPERS AND GARDENERS, EXCEPT FARM | 382 258 | 30 357 | 292 867 | 24 010 | 49 153 | 3 890 | 3 973 | 401 | 12 112 | 851 | 24 153 | 1 205 |
| ANIMAL CARETAKERS, EXCEPT FARM | 29 300 | 42 172 | 24 644 | 40 397 | 3 384 | 871 | 160 | 190 | 243 | 334 | 869 | 380 |
| GRADERS AND SORTERS, AGRICULTURAL PRODUCTS | 4 476 | 16 423 | 2 774 | 11 208 | 436 | 1 173 | 95 | 107 | 151 | 497 | 1 020 | 3 438 |
| INSPECTORS, AGRICULTURAL PRODUCTS | 947 | 196 | 776 | 159 | 100 | 20 | 9 | - | 33 | 7 | 29 | 10 |
| FORESTRY AND LOGGING OCCUPATIONS | 142 054 | 8 381 | 117 211 | 6 635 | 19 849 | 1 190 | 3 265 | 311 | 314 | 77 | 1 415 | 168 |
| SUPERVISORS, FORESTRY AND LOGGING WORKERS | 8 385 | 277 | 7 622 | 265 | 476 | 8 | 181 | 4 | 22 | - | 84 | - |
| FORESTRY WORKERS, EXCEPT LOGGING | 22 837 | 5 216 | 19 121 | 4 152 | 2 167 | 648 | 751 | 216 | 121 | 52 | 677 | 148 |
| TIMBER CUTTING AND LOGGING OCCUPATIONS | 110 832 | 2 888 | 90 468 | 2 218 | 17 206 | 534 | 2 333 | 91 | 171 | 25 | 654 | 20 |
| FISHERS, HUNTERS, AND TRAPPERS | 59 946 | 4 072 | 53 163 | 3 361 | 3 239 | 411 | 1 850 | 165 | 931 | 82 | 763 | 53 |
| CAPTAINS AND OTHER OFFICERS, FISHING VESSELS | 6 875 | 259 | 6 336 | 221 | 194 | 23 | 131 | 2 | 94 | 13 | 120 | - |
| FISHERS | 51 137 | 3 563 | 45 017 | 2 937 | 3 005 | 366 | 1 651 | 151 | 837 | 69 | 627 | 40 |
| HUNTERS AND TRAPPERS | 1 934 | 250 | 1 810 | 203 | 40 | 22 | 68 | 12 | - | - | 16 | 13 |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS | 12 498 566 | 1 055 961 | 11 206 042 | 861 355 | 810 170 | 121 393 | 79 756 | 8 117 | 119 224 | 29 548 | 283 374 | 35 548 |
| MECHANICS AND REPAIRERS | 3 847 955 | 134 560 | 3 462 223 | 110 794 | 243 168 | 17 849 | 21 083 | 930 | 41 892 | 2 008 | 79 589 | 2 979 |
| SUPERVISORS, MECHANICS AND REPAIRERS | 157 181 | 4 749 | 148 457 | 4 155 | 5 129 | 384 | 687 | 40 | 1 257 | 101 | 1 651 | 69 |
| MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS | 3 690 774 | 129 811 | 3 313 766 | 106 639 | 238 039 | 17 465 | 20 396 | 890 | 40 635 | 1 907 | 77 938 | 2 910 |
| VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS | 1 658 236 | 21 793 | 1 478 370 | 17 798 | 108 596 | 3 037 | 10 118 | 177 | 19 969 | 342 | 41 183 | 439 |
| AUTOMOBILE MECHANICS, EXC. APPRENTICES | 948 358 | 12 025 | 839 605 | 9 837 | 66 729 | 1 704 | 5 583 | 69 | 12 240 | 182 | 24 201 | 233 |
| AUTOMOBILE MECHANIC APPRENTICES | 4 031 | 99 | 3 421 | 93 | 407 | 6 | 39 | - | 70 | - | 94 | - |
| BUS, TRUCK, AND STATIONARY ENGINE MECHANICS | 152 862 | 1 128 | 136 795 | 959 | 10 889 | 118 | 908 | 11 | 1 254 | 11 | 3 016 | 29 |
| AIRCRAFT ENGINE MECHANICS | 94 915 | 2 407 | 84 203 | 1 811 | 5 820 | 452 | 712 | 37 | 2 202 | 38 | 1 978 | 69 |
| SMALL ENGINE REPAIRERS | 35 713 | 631 | 33 649 | 572 | 1 142 | 41 | 211 | - | 410 | 5 | 301 | 13 |
| AUTOMOBILE BODY AND RELATED REPAIRERS | 205 450 | 2 372 | 182 165 | 1 944 | 12 725 | 298 | 1 196 | 15 | 2 142 | 83 | 7 222 | 32 |
| AIRCRAFT MECHANICS, EXC. ENGINE | 14 209 | 1 333 | 12 577 | 1 081 | 883 | 186 | 74 | 35 | 239 | 13 | 436 | 18 |
| HEAVY EQUIPMENT MECHANICS | 157 266 | 1 322 | 143 430 | 1 088 | 8 719 | 204 | 1 132 | 5 | 1 135 | 6 | 2 850 | 19 |
| FARM EQUIPMENT MECHANICS | 45 432 | 476 | 42 525 | 413 | 1 282 | 28 | 263 | 5 | 277 | 4 | 1 085 | 26 |
| INDUSTRIAL MACHINERY REPAIRERS | 472 288 | 14 895 | 427 310 | 12 308 | 31 430 | 2 084 | 2 413 | 119 | 3 290 | 73 | 7 845 | 311 |
| MACHINERY MAINTENANCE OCCUPATIONS | 45 307 | 1 805 | 38 796 | 1 519 | 4 805 | 207 | 413 | 17 | 355 | 18 | 938 | 44 |
| ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS | 596 461 | 50 669 | 542 620 | 41 623 | 33 495 | 6 680 | 2 537 | 299 | 8 031 | 905 | 9 778 | 1 162 |
| ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT | 156 944 | 8 377 | 142 028 | 6 992 | 8 519 | 987 | 825 | 47 | 2 933 | 186 | 2 639 | 165 |
| DATA PROCESSING EQUIPMENT REPAIRERS | 43 329 | 3 932 | 39 388 | 3 367 | 2 434 | 399 | 138 | 5 | 790 | 97 | 579 | 64 |
| HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS | 80 291 | 2 483 | 74 315 | 2 130 | 3 425 | 234 | 279 | 10 | 968 | 33 | 1 304 | 76 |
| TELEPHONE LINE INSTALLERS AND REPAIRERS | 59 363 | 3 243 | 54 106 | 2 781 | 3 493 | 351 | 313 | 22 | 411 | 31 | 1 040 | 58 |
| TELEPHONE INSTALLERS AND REPAIRERS | 226 960 | 29 619 | 206 131 | 23 855 | 13 836 | 4 416 | 856 | 196 | 2 471 | 448 | 3 666 | 704 |
| MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS | 29 574 | 3 015 | 26 652 | 2 498 | 1 788 | 293 | 126 | 19 | 458 | 110 | 550 | 95 |
| HEATING, AIR CONDITIONING, & REFRIG. MECHS. | 150 170 | 1 525 | 137 931 | 1 195 | 7 271 | 262 | 672 | 26 | 1 390 | 5 | 2 906 | 37 |
| MISCELLANEOUS MECHANICS AND REPAIRERS | 768 312 | 39 124 | 688 739 | 32 196 | 52 442 | 5 195 | 4 243 | 252 | 7 600 | 564 | 15 288 | 917 |
| CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS | 35 745 | 4 821 | 32 832 | 3 811 | 1 303 | 662 | 66 | 39 | 803 | 171 | 741 | 138 |
| LOCKSMITHS AND SAFE REPAIRERS | 17 981 | 1 346 | 16 446 | 1 196 | 823 | 105 | 61 | - | 253 | 27 | 398 | 18 |
| OFFICE MACHINE REPAIRERS | 36 950 | 2 046 | 33 104 | 1 742 | 2 194 | 191 | 239 | 21 | 669 | 41 | 744 | 51 |
| MECHANICAL CONTROLS AND VALVE REPAIRERS | 27 240 | 1 082 | 23 584 | 884 | 2 549 | 149 | 212 | 3 | 142 | 7 | 753 | 39 |
| ELEVATOR INSTALLERS AND REPAIRERS | 20 377 | 395 | 18 892 | 271 | 929 | 124 | 60 | - | 248 | - | 248 | - |
| MILLWRIGHTS | 129 660 | 4 416 | 121 106 | 3 486 | 6 255 | 657 | 668 | 24 | 359 | 69 | 1 272 | 180 |
| SPECIFIED MECHANICS AND REPAIRERS, N.E.C. | 293 591 | 16 108 | 262 685 | 13 338 | 20 729 | 2 199 | 1 571 | 113 | 2 925 | 137 | 5 681 | 321 |
| NOT SPECIFIED MECHANICS AND REPAIRERS | 206 768 | 8 910 | 180 090 | 7 468 | 17 660 | 1 108 | 1 366 | 52 | 2 201 | 112 | 5 451 | 170 |

## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Rac[illegible] 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON. | | | | | | | | | | | | |
| CONSTRUCTION TRADES | 4 712 023 | 102 094 | 4 220 780 | 84 730 | 310 983 | 12 546 | 38 070 | 1 392 | 33 214 | 1 198 | 108 976 | 2 228 |
| SUPERVISORS, CONSTRUCTION OCCUPATIONS | 777 628 | 13 204 | 726 801 | 11 590 | 30 710 | 1 187 | 4 303 | 118 | 4 708 | 147 | 11 106 | 162 |
| SUPERVISORS; BRICKMASONS, STONEMASONS, AND TILE SETTERS | 5 005 | 43 | 4 565 | 43 | 259 | - | 22 | - | 32 | - | 127 | - |
| SUPERVISORS, CARPENTERS AND RELATED WORKERS | 35 553 | 252 | 33 761 | 209 | 799 | 24 | 172 | - | 276 | - | 545 | 19 |
| SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS | 36 547 | 459 | 35 166 | 406 | 648 | 32 | 121 | - | 309 | 8 | 303 | 13 |
| SUPERVISORS; PAINTERS, PAPERHANGERS, AND PLASTERERS | 10 655 | 161 | 9 736 | 131 | 407 | 30 | 85 | - | 102 | - | 325 | - |
| SUPERVISORS; PLUMBERS, PIPEFITTERS, AND STEAMFITTERS | 17 391 | 94 | 16 654 | 94 | 302 | - | 69 | - | 133 | - | 233 | - |
| SUPERVISORS, N.E.C. | 672 477 | 12 195 | 626 919 | 10 707 | 28 295 | 1 101 | 3 834 | 118 | 3 856 | 139 | 9 573 | 130 |
| CONSTRUCTION TRADES, EXCEPT SUPERVISORS | 3 934 395 | 88 890 | 3 493 979 | 73 140 | 280 273 | 11 359 | 33 767 | 1 274 | 28 506 | 1 051 | 97 870 | 2 066 |
| BRICKMASONS & STONEMASONS, EXCEPT APPRENTICES | 202 971 | 2 274 | 164 995 | 1 688 | 30 063 | 492 | 1 523 | 29 | 1 421 | 10 | 4 969 | 55 |
| BRICKMASON AND STONEMASON APPRENTICES | 3 135 | 142 | 2 601 | 111 | 457 | 16 | 18 | - | 20 | 7 | 39 | 8 |
| TILE SETTERS, HARD AND SOFT | 31 897 | 441 | 28 044 | 532 | 2 264 | 77 | 161 | - | 264 | - | 1 164 | 32 |
| CARPET INSTALLERS | 86 334 | 1 493 | 77 813 | 1 288 | 4 573 | 120 | 633 | 17 | 467 | 41 | 2 848 | 27 |
| CARPENTERS, EXCEPT APPRENTICES | 1 275 666 | 20 225 | 1 162 819 | 16 647 | 64 007 | 2 546 | 12 205 | 297 | 9 075 | 253 | 27 560 | 482 |
| CARPENTER APPRENTICES | 9 281 | 696 | 8 091 | 567 | 689 | 93 | 128 | 9 | 97 | 12 | 276 | 15 |
| DRYWALL INSTALLERS | 95 170 | 2 130 | 85 825 | 1 878 | 3 861 | 198 | 1 170 | 26 | 574 | 15 | 3 740 | 13 |
| ELECTRICIANS, EXCEPT APPRENTICES | 594 781 | 12 171 | 549 644 | 9 751 | 28 448 | 1 712 | 3 460 | 171 | 5 520 | 207 | 7 709 | 330 |
| ELECTRICIAN APPRENTICES | 17 833 | 1 028 | 16 091 | 877 | 1 012 | 110 | 182 | - | 97 | 21 | 451 | 20 |
| ELECTRICAL POWER INSTALLERS AND REPAIRERS | 103 062 | 1 801 | 94 134 | 1 426 | 6 536 | 279 | 665 | 26 | 373 | 14 | 1 354 | 56 |
| PAINTERS, CONSTRUCTION AND MAINTENANCE | 398 079 | 24 391 | 336 027 | 20 406 | 38 767 | 2 715 | 3 158 | 357 | 3 863 | 247 | 16 264 | 666 |
| PAPERHANGERS | 14 106 | 3 129 | 13 215 | 3 024 | 576 | 36 | 54 | 27 | 75 | 19 | 186 | 23 |
| PLASTERERS | 28 360 | 540 | 21 801 | 367 | 4 531 | 140 | 266 | 8 | 227 | 9 | 1 535 | 16 |
| PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES | 483 423 | 6 221 | 435 297 | 4 983 | 32 175 | 966 | 3 303 | 81 | 2 875 | 65 | 9 773 | 126 |
| PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES | 12 000 | 360 | 11 016 | 330 | 571 | 17 | 113 | 7 | 110 | - | 190 | 6 |
| CONCRETE AND TERRAZZO FINISHERS | 74 498 | 856 | 51 288 | 471 | 17 062 | 314 | 836 | 17 | 395 | 5 | 4 917 | 49 |
| GLAZIERS | 32 024 | 1 516 | 29 436 | 1 320 | 1 242 | 158 | 186 | 6 | 329 | - | 831 | 32 |
| INSULATION WORKERS | 54 678 | 2 386 | 48 381 | 1 919 | 3 930 | 375 | 425 | 30 | 330 | 18 | 1 612 | 74 |
| PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS | 7 325 | 235 | 5 692 | 210 | 1 251 | 19 | 78 | 6 | 20 | - | 284 | - |
| ROOFERS | 126 025 | 1 383 | 104 594 | 1 003 | 14 042 | 282 | 1 582 | 49 | 751 | 22 | 5 056 | 27 |
| SHEETMETAL DUCT INSTALLERS | 28 602 | 420 | 26 916 | 373 | 740 | 28 | 149 | 6 | 264 | - | 533 | 13 |
| STRUCTURAL METAL WORKERS | 88 164 | 1 067 | 80 230 | 834 | 4 498 | 171 | 1 313 | 25 | 520 | 37 | 1 603 | - |
| DRILLERS, EARTH | 23 503 | 507 | 21 639 | 453 | 1 216 | 54 | 202 | - | 65 | - | 381 | - |
| CONSTRUCTION TRADES, N.E.C. | 143 478 | 3 278 | 118 390 | 2 682 | 17 762 | 441 | 1 957 | 80 | 774 | 49 | 4 595 | 26 |
| EXTRACTIVE OCCUPATIONS | 306 405 | 7 182 | 283 809 | 6 040 | 11 829 | 834 | 3 440 | 171 | 506 | 23 | 6 821 | 114 |
| SUPERVISORS, EXTRACTIVE OCCUPATIONS | 80 870 | 1 755 | 77 917 | 1 616 | 1 364 | 86 | 556 | 11 | 119 | 14 | 914 | 28 |
| DRILLERS, OIL WELL | 73 328 | 936 | 67 453 | 811 | 2 558 | 95 | 1 025 | 11 | 151 | - | 2 141 | 19 |
| EXPLOSIVES WORKERS | 10 661 | 341 | 9 147 | 270 | 975 | 55 | 129 | 16 | 43 | - | 367 | - |
| MINING MACHINE OPERATORS | 90 463 | 2 751 | 83 266 | 2 260 | 3 863 | 355 | 1 184 | 98 | 110 | 9 | 2 040 | 29 |
| MINING OCCUPATIONS, N.E.C. | 51 083 | 1 399 | 46 026 | 1 083 | 3 069 | 243 | 546 | 35 | 83 | - | 1 359 | 38 |
| PRECISION PRODUCTION OCCUPATIONS | 3 632 183 | 812 125 | 3 239 230 | 659 791 | 244 190 | 90 164 | 17 163 | 5 624 | 43 612 | 26 319 | 87 988 | 30 227 |
| SUPERVISORS, PRODUCTION OCCUPATIONS | 1 605 489 | 282 570 | 1 455 885 | 240 259 | 100 948 | 27 836 | 6 364 | 1 568 | 13 335 | 4 207 | 28 957 | 8 700 |
| PRECISION METAL WORKING OCCUPATIONS | 973 998 | 66 029 | 880 752 | 52 268 | 55 204 | 9 134 | 5 381 | 741 | 10 987 | 1 335 | 21 674 | 2 551 |
| TOOL AND DIE MAKERS, EXCEPT APPRENTICES | 182 823 | 3 187 | 173 989 | 2 651 | 5 661 | 379 | 391 | 36 | 917 | 48 | 1 865 | 73 |
| TOOL AND DIE MAKER APPRENTICES | 7 563 | 317 | 7 101 | 257 | 319 | 60 | 8 | - | 45 | - | 90 | - |
| PRECISION ASSEMBLERS, METAL | 17 724 | 5 937 | 14 784 | 4 458 | 1 763 | 984 | 148 | 50 | 254 | 89 | 755 | 356 |
| MACHINISTS, EXCEPT APPRENTICES | 500 294 | 25 860 | 444 837 | 19 275 | 33 388 | 4 932 | 2 516 | 186 | 6 778 | 439 | 12 775 | 1 028 |
| MACHINIST APPRENTICES | 7 775 | 444 | 7 072 | 405 | 448 | 39 | 46 | - | 70 | - | 139 | - |
| BOILERMAKERS | 36 622 | 587 | 33 277 | 402 | 2 184 | 158 | 397 | - | 264 | - | 500 | 27 |
| PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS | 18 607 | 1 162 | 17 550 | 974 | 597 | 110 | 151 | 17 | 83 | 40 | 226 | 21 |
| PATTERNMAKERS AND MODEL MAKER, METAL | 18 409 | 2 010 | 17 479 | 1 675 | 612 | 99 | 86 | 5 | 89 | 133 | 143 | 98 |
| LAY-OUT WORKERS | 20 522 | 2 381 | 16 975 | 1 930 | 2 725 | 389 | 114 | 11 | 390 | 19 | 318 | 32 |
| PRECIOUS STONES AND METALS WORKERS (JEWELERS) | 25 603 | 12 369 | 21 806 | 10 167 | 934 | 715 | 560 | 396 | 663 | 448 | 1 640 | 643 |
| ENGRAVERS, METAL | 9 503 | 5 844 | 8 721 | 5 233 | 370 | 403 | 29 | 8 | 207 | 37 | 176 | 163 |
| SHEET METAL WORKERS, EXCEPT APPRENTICES | 126 162 | 5 191 | 115 065 | 4 235 | 5 977 | 770 | 927 | 31 | 1 215 | 70 | 2 978 | 85 |
| SHEET METAL WORKER APPRENTICES | 604 | 133 | 549 | 95 | 38 | 32 | 4 | 1 | 5 | - | 8 | 5 |
| MISCELLANEOUS PRECISION METAL WORKERS | 1 787 | 607 | 1 547 | 511 | 168 | 64 | 4 | - | 7 | 12 | 61 | 20 |

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(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON. | | | | | | | | | | | | |
| PRECISION PRODUCTION OCCUPATIONS--CON. | | | | | | | | | | | | |
| PRECISION WOODWORKING OCCUPATIONS | 101 661 | 16 770 | 91 138 | 13 586 | 6 157 | 2 551 | 390 | 134 | 950 | 148 | 3 026 | 351 |
| PATTERNMAKERS AND MODEL MAKERS, WOOD | 4 462 | 128 | 4 324 | 119 | 57 | 3 | 8 | - | 36 | - | 37 | 6 |
| CABINET MAKERS AND BENCH CARPENTERS | 70 926 | 5 910 | 64 734 | 5 042 | 3 249 | 566 | 286 | 57 | 626 | 41 | 2 031 | 204 |
| FURNITURE AND WOOD FINISHERS | 22 423 | 9 535 | 18 627 | 7 397 | 2 595 | 1 889 | 77 | 77 | 265 | 54 | 859 | 118 |
| MISCELLANEOUS PRECISION WOODWORKERS | 3 850 | 1 197 | 3 453 | 1 028 | 256 | 93 | 19 | - | 23 | 53 | 99 | 23 |
| PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS | 125 971 | 153 695 | 101 913 | 121 992 | 12 290 | 16 266 | 682 | 1 097 | 2 495 | 8 225 | 8 591 | 6 115 |
| DRESSMAKERS | 6 805 | 97 154 | 4 856 | 75 392 | 1 093 | 10 585 | 53 | 795 | 241 | 6 310 | 562 | 4 072 |
| TAILORS | 37 567 | 24 458 | 29 217 | 19 165 | 4 158 | 2 766 | 119 | 115 | 1 144 | 1 304 | 2 929 | 1 108 |
| UPHOLSTERERS | 54 455 | 14 440 | 45 300 | 12 765 | 4 488 | 1 266 | 368 | 78 | 547 | 108 | 3 752 | 223 |
| SHOE REPAIRERS | 21 903 | 9 691 | 17 923 | 8 496 | 2 260 | 645 | 99 | 52 | 465 | 110 | 1 156 | 388 |
| APPAREL AND FABRIC PATTERNMAKERS | 2 000 | 2 197 | 1 831 | 1 874 | 49 | 105 | - | - | 51 | 139 | 69 | 79 |
| MISC. PRECISION APPAREL AND FABRIC WORKERS | 3 241 | 5 755 | 2 786 | 4 300 | 242 | 899 | 43 | 57 | 47 | 254 | 123 | 245 |
| PRECISION WORKERS, ASSORTED MATERIALS | 174 611 | 152 731 | 146 981 | 120 363 | 14 595 | 14 204 | 836 | 1 251 | 5 634 | 9 239 | 6 565 | 7 674 |
| HAND MOLDERS AND SHAPERS, EXCEPT JEWELERS | 31 679 | 5 444 | 24 641 | 4 405 | 5 057 | 716 | 202 | 64 | 190 | 75 | 1 589 | 184 |
| PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS | 7 182 | 2 208 | 6 645 | 1 829 | 332 | 164 | 23 | 33 | 35 | 98 | 147 | 84 |
| OPTICAL GOODS WORKERS | 27 861 | 19 011 | 25 512 | 17 213 | 1 129 | 859 | 101 | 98 | 370 | 428 | 549 | 413 |
| DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS | 33 006 | 15 740 | 28 256 | 13 704 | 1 848 | 988 | 139 | 110 | 1 779 | 572 | 984 | 366 |
| BOOKBINDERS | 13 164 | 17 664 | 11 361 | 14 825 | 1 103 | 1 935 | 26 | 102 | 217 | 212 | 457 | 590 |
| ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS | 27 256 | 85 282 | 20 414 | 62 284 | 2 728 | 8 668 | 171 | 789 | 2 403 | 7 753 | 1 540 | 5 788 |
| MISCELLANEOUS PRECISION WORKERS, N.E.C. | 34 463 | 7 382 | 30 152 | 6 103 | 2 398 | 874 | 174 | 55 | 440 | 101 | 1 299 | 249 |
| PRECISION FOOD PRODUCTION OCCUPATIONS | 337 587 | 100 933 | 283 724 | 79 423 | 31 603 | 14 878 | 1 603 | 616 | 5 874 | 2 413 | 14 783 | 3 603 |
| BUTCHERS AND MEAT CUTTERS | 251 489 | 42 957 | 213 935 | 30 118 | 21 581 | 9 386 | 1 231 | 368 | 4 274 | 1 158 | 10 468 | 1 927 |
| BAKERS | 69 321 | 47 649 | 56 031 | 41 480 | 8 288 | 4 084 | 271 | 193 | 1 361 | 891 | 3 370 | 1 001 |
| FOOD BATCHMAKERS | 16 777 | 10 327 | 13 758 | 7 825 | 1 734 | 1 408 | 101 | 55 | 239 | 364 | 945 | 675 |
| PRECISION INSPECTORS, TESTERS, & RELATED WORKERS | 75 107 | 29 956 | 67 372 | 23 987 | 4 736 | 4 013 | 288 | 145 | 1 420 | 696 | 1 291 | 1 115 |
| INSPECTORS, TESTERS, & GRADERS | 74 030 | 27 359 | 66 380 | 22 182 | 4 677 | 3 419 | 288 | 130 | 1 414 | 667 | 1 271 | 961 |
| ADJUSTERS AND CALIBRATORS | 1 077 | 2 597 | 992 | 1 805 | 59 | 594 | - | 15 | 6 | 29 | 20 | 154 |
| PLANT AND SYSTEM OPERATORS | 237 759 | 9 441 | 211 465 | 7 913 | 18 657 | 1 282 | 1 619 | 72 | 2 917 | 56 | 3 101 | 118 |
| WATER AND SEWAGE TREATMENT PLANT OPERATORS | 32 233 | 1 062 | 28 537 | 918 | 2 749 | 118 | 246 | 6 | 271 | 4 | 430 | 16 |
| POWER PLANT OPERATORS | 26 393 | 1 357 | 24 214 | 1 123 | 1 612 | 201 | 219 | 7 | 208 | 5 | 140 | 21 |
| STATIONARY ENGINEERS | 129 221 | 4 169 | 115 219 | 3 570 | 9 680 | 475 | 742 | 32 | 2 085 | 35 | 1 495 | 57 |
| MISCELLANEOUS PLANT AND SYSTEM OPERATORS | 49 912 | 2 853 | 43 495 | 2 302 | 4 616 | 488 | 412 | 27 | 353 | 12 | 1 036 | 24 |
| OPERATORS, FABRICATORS, AND LABORERS | 14 501 489 | 5 486 486 | 11 739 963 | 4 221 793 | 2 008 338 | 880 767 | 103 205 | 36 946 | 138 184 | 120 840 | 511 799 | 226 140 |
| MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS | 5 979 555 | 4 102 014 | 4 842 476 | 3 128 790 | 790 794 | 668 200 | 35 851 | 26 153 | 68 840 | 102 588 | 241 594 | 176 283 |
| MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION | 3 862 464 | 2 681 581 | 3 107 387 | 2 022 190 | 530 739 | 454 523 | 21 242 | 16 965 | 42 885 | 69 499 | 160 211 | 118 404 |
| METALWORKING & PLASTIC WORKING MACH. OPERATORS | 648 729 | 144 609 | 557 665 | 119 685 | 62 263 | 19 249 | 3 112 | 741 | 5 107 | 1 249 | 20 582 | 3 685 |
| LATHE AND TURNING MACHINE SET-UP OPERATORS | 52 354 | 3 578 | 47 139 | 3 056 | 3 506 | 387 | 210 | 14 | 298 | 21 | 1 201 | 100 |
| LATHE AND TURNING MACHINE OPERATORS | 109 024 | 10 574 | 100 963 | 9 202 | 4 581 | 1 050 | 382 | 50 | 939 | 101 | 2 159 | 171 |
| MILLING AND PLANING MACHINE OPERATORS | 19 743 | 1 956 | 18 001 | 1 727 | 981 | 157 | 82 | 33 | 280 | 23 | 399 | 16 |
| PUNCHING AND STAMPING PRESS MACHINE OPERATORS | 120 535 | 56 791 | 100 586 | 47 485 | 14 125 | 7 334 | 709 | 206 | 839 | 299 | 4 276 | 1 467 |
| ROLLING MACHINE OPERATORS | 17 502 | 2 219 | 14 776 | 1 842 | 2 198 | 276 | 59 | 19 | 33 | 27 | 436 | 55 |
| DRILLING AND BORING MACHINE OPERATORS | 52 734 | 14 272 | 47 696 | 12 121 | 3 310 | 1 580 | 229 | 83 | 422 | 162 | 1 077 | 326 |
| GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS | 230 924 | 48 923 | 189 082 | 39 143 | 28 348 | 7 455 | 1 276 | 301 | 2 127 | 540 | 10 091 | 1 484 |
| FORGING MACHINE OPERATORS | 14 788 | 1 103 | 12 619 | 868 | 1 598 | 212 | 65 | 8 | 105 | 2 | 401 | 13 |
| NUMERICAL CONTROL MACHINE OPERATORS | 2 572 | 229 | 2 262 | 220 | 192 | 5 | 6 | - | - | - | 112 | 4 |
| MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS | 28 553 | 4 964 | 24 541 | 4 021 | 3 424 | 793 | 94 | 27 | 64 | 74 | 430 | 49 |
| FABRICATING MACHINE OPERATORS, N.E.C. | 22 895 | 12 337 | 19 298 | 10 523 | 2 283 | 1 393 | 121 | 82 | 186 | 80 | 1 007 | 259 |
| METAL AND PLASTIC PROCESSING MACHINE OPERATORS | 176 174 | 64 504 | 144 382 | 53 033 | 23 449 | 9 146 | 970 | 377 | 1 531 | 537 | 7 842 | 1 411 |
| MOLDING AND CASTING MACHINE OPERATORS | 103 617 | 54 660 | 85 603 | 44 969 | 12 971 | 7 892 | 506 | 288 | 737 | 439 | 3 800 | 1 072 |
| METAL PLATING MACHINE OPERATORS | 37 158 | 6 709 | 29 427 | 5 660 | 4 403 | 684 | 235 | 60 | 479 | 54 | 2 614 | 251 |
| HEAT TREATING EQUIPMENT OPERATORS | 23 521 | 1 402 | 19 593 | 1 117 | 3 060 | 235 | 83 | 16 | 149 | 7 | 636 | 27 |
| MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS | 13 878 | 1 733 | 9 759 | 1 287 | 3 015 | 335 | 146 | 13 | 166 | 37 | 792 | 61 |

## Table 2. **Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980**—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| OPERATORS, FABRICATORS, AND LABORERS--CON. | | | | | | | | | | | | |
| MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON. | | | | | | | | | | | | |
| MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION--CON. | | | | | | | | | | | | |
| WOODWORKING MACHINE OPERATORS | 138 382 | 23 590 | 116 026 | 19 205 | 16 798 | 3 253 | 1 503 | 227 | 821 | 255 | 3 234 | 650 |
| WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS. | 7 337 | 841 | 6 487 | 709 | 585 | 112 | 81 | - | 36 | 4 | 188 | 16 |
| SAWING MACHINE OPERATORS | 95 914 | 12 453 | 79 929 | 10 223 | 12 269 | 1 630 | 1 140 | 153 | 509 | 168 | 2 067 | 279 |
| SHAPING AND JOINING MACHINE OPERATORS | 5 705 | 3 677 | 4 646 | 2 973 | 819 | 512 | 21 | 36 | 35 | 58 | 184 | 98 |
| NAILING AND TACKING MACHINE OPERATORS | 3 109 | 1 635 | 2 553 | 1 313 | 312 | 234 | 23 | - | 13 | - | 208 | 88 |
| MISCELLANEOUS WOODWORKING MACHINE OPERATORS | 26 317 | 4 984 | 22 411 | 3 987 | 2 813 | 765 | 258 | 38 | 228 | 25 | 607 | 169 |
| PRINTING MACHINE OPERATORS | 323 023 | 119 376 | 286 387 | 105 985 | 23 334 | 9 325 | 1 339 | 511 | 3 939 | 1 481 | 8 024 | 2 074 |
| PRINTING MACHINE OPERATORS | 249 019 | 50 482 | 217 947 | 42 559 | 19 897 | 5 800 | 1 044 | 240 | 3 129 | 644 | 7 002 | 1 239 |
| PHOTOENGRAVERS AND LITHOGRAPHERS | 20 958 | 5 059 | 19 678 | 4 573 | 712 | 312 | 72 | 19 | 245 | 92 | 251 | 63 |
| TYPESETTERS AND COMPOSITORS | 31 205 | 39 310 | 29 21[illegible] | 37 133 | 1 182 | 1 319 | 116 | 132 | 377 | 370 | 316 | 356 |
| MISCELLANEOUS PRINTING MACHINE OPERATORS | 21 841 | 24 525 | 19 5[illegible]6 | 21 720 | 1 543 | 1 894 | 107 | 120 | 188 | 375 | 455 | 416 |
| TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS. | 303 462 | 1 328 580 | 216 3[illegible]1 | 962 823 | 61 217 | 242 103 | 1 678 | 8 938 | 6 515 | 50 698 | 17 661 | 64 018 |
| WINDING AND TWISTING MACHINE OPERATORS | 27 637 | 83 775 | 20 8[illegible]3 | 61 364 | 6 369 | 21 197 | 118 | 428 | 84 | 483 | 213 | 303 |
| KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS | 26 330 | 48 567 | 7[illegible] 233 | 35 666 | 5 032 | 11 122 | 135 | 853 | 208 | 480 | 722 | 446 |
| TEXTILE CUTTING MACHINE OPERATORS | 4 864 | 4 416 | [illegible] 584 | 3 243 | 840 | 834 | 42 | 29 | 51 | 99 | 346 | 211 |
| TEXTILE SEWING MACHINE OPERATORS | 53 624 | 860 848 | 35 217 | 634 965 | 8 932 | 125 922 | 304 | 5 316 | 2 032 | 44 535 | 7 119 | 50 110 |
| SHOE MACHINE OPERATORS | 19 915 | 56 530 | 17 [illegible] | 50 830 | 1 205 | 3 978 | 89 | 276 | 54 | 405 | 974 | 1 041 |
| PRESSING MACHINE OPERATORS | 26 716 | 80 571 | 15 028 | 44 324 | 7 334 | 29 963 | 127 | 545 | 1 629 | 1 320 | 2 598 | 4 419 |
| LAUNDERING AND DRY CLEANING MACHINE OPERATORS | 65 388 | 121 657 | 46 405 | 80 454 | 13 288 | 31 032 | 406 | 1 127 | 2 025 | 2 919 | 3 264 | 6 125 |
| MISCELLANEOUS TEXTILE MACHINE OPERATORS | 78 988 | 72 216 | 57 457 | 51 977 | 14 217 | 18 055 | 457 | 364 | 432 | 457 | 2 425 | 1 363 |
| MACHINE OPERATORS, ASSORTED MATERIALS | 2 247 799 | 988 585 | 1 767 238 | 750 936 | 341 395 | 170 054 | 12 519 | 6 089 | 24 786 | 15 199 | 101 861 | 46 307 |
| CEMENTING AND GLUING MACHINE OPERATORS | 19 158 | 17 378 | 14 900 | 13 962 | 3 100 | 2 522 | 172 | 166 | 130 | 177 | 856 | 551 |
| PACKAGING AND FILLING MACHINE OPERATORS | 56 113 | 65 029 | 42 924 | 48 861 | 8 755 | 10 134 | 307 | 580 | 902 | 1 685 | 3 225 | 3 769 |
| EXTRUDING AND FORMING MACHINE OPERATORS | 21 559 | 3 537 | 18 957 | 2 898 | 1 798 | 464 | 104 | 56 | 132 | 50 | 568 | 69 |
| MIXING AND BLENDING MACHINE OPERATORS | 99 328 | 12 268 | 76 810 | 9 501 | 17 887 | 2 096 | 485 | 105 | 967 | 254 | 3 179 | 312 |
| SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS | 66 374 | 6 180 | 56 337 | 4 493 | 8 045 | 1 308 | 342 | 56 | 453 | 63 | 1 197 | 260 |
| COMPRESSING & COMPACTING MACHINE OPERATORS | 15 857 | 6 761 | 12 193 | 5 277 | 2 977 | 1 134 | 94 | 33 | 141 | 69 | 452 | 248 |
| PAINTING AND PAINT SPRAYING MACH. OPERATORS | 143 719 | 27 419 | 116 807 | 22 123 | 16 710 | 3 754 | 872 | 165 | 1 384 | 313 | 7 946 | 1 064 |
| ROASTING & BAKING MACH. OPERATORS, FOOD | 6 178 | 1 044 | 4 965 | 809 | 1 013 | 193 | 22 | 14 | 34 | 22 | 144 | 6 |
| WASHING, CLEANING, & PICKLING MACHINE OPERATORS | 6 992 | 2 293 | 5 521 | 1 631 | 1 119 | 481 | 48 | 17 | 76 | 54 | 228 | 110 |
| FOLDING MACHINE OPERATORS | 13 292 | 20 453 | 10 132 | 15 516 | 2 307 | 3 901 | 36 | 109 | 133 | 259 | 684 | 668 |
| FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD. | 146 322 | 7 473 | 119 766 | 5 907 | 21 638 | 1 295 | 718 | 61 | 769 | 84 | 3 431 | 126 |
| CRUSHING AND GRINDING MACHINE OPERATORS | 48 112 | 4 466 | 38 013 | 3 084 | 7 813 | 1 004 | 351 | 28 | 305 | 85 | 1 630 | 265 |
| SLICING AND CUTTING MACHINE OPERATORS | 149 231 | 61 462 | 119 942 | 47 549 | 19 625 | 9 323 | 962 | 478 | 1 322 | 938 | 7 380 | 3 174 |
| MOTION PICTURE PROJECTIONISTS | 13 119 | 1 326 | 12 010 | 1 190 | 713 | 71 | 66 | 4 | 177 | 28 | 153 | 33 |
| PHOTOGRAPHIC PROCESS MACHINE OPERATORS | 42 149 | 48 894 | 35 798 | 42 462 | 3 613 | 4 220 | 200 | 326 | 1 446 | 814 | 1 092 | 1 072 |
| MISC. AND NOT SPECIFIED MACHINE OPERATORS | 1 400 296 | 702 602 | 1 082 163 | 525 673 | 224 282 | 128 154 | 7 740 | 3 891 | 16 415 | 10 304 | 69 696 | 34 580 |
| OCCUPATION: | | | | | | | | | | | | |
| MISCELLANEOUS MACHINE OPERATORS, N.E.C. | 467 095 | 231 591 | 375 379 | 179 101 | 64 302 | 38 394 | 2 626 | 1 374 | 5 065 | 3 706 | 19 723 | 9 016 |
| MACHINE OPERATORS, NOT SPECIFIED. | 933 201 | 471 011 | 706 784 | 346 572 | 159 980 | 89 760 | 5 114 | 2 517 | 11 350 | 6 598 | 49 973 | 25 564 |
| INDUSTRY: | | | | | | | | | | | | |
| MANUFACTURING | 1 194 211 | 622 810 | 924 902 | 467 055 | 189 306 | 112 015 | 6 060 | 3 304 | 13 477 | 8 947 | 60 466 | 31 489 |
| NONDURABLE GOODS | 450 403 | 276 725 | 344 244 | 205 538 | 77 054 | 51 222 | 2 451 | 1 454 | 4 627 | 3 979 | 22 027 | 14 532 |
| DURABLE GOODS | 743 808 | 346 085 | 580 658 | 261 517 | 112 252 | 60 793 | 3 609 | 1 850 | 8 850 | 4 968 | 38 439 | 16 957 |
| NONMANUFACTURING INDUSTRIES | 206 085 | 79 792 | 157 261 | 58 618 | 34 976 | 16 139 | 1 680 | 587 | 2 938 | 1 357 | 9 230 | 3 091 |
| FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS. | 1 679 608 | 952 527 | 1 361 467 | [illegible] 858 | 214 536 | 147 792 | 12 278 | 6 209 | 20 536 | 24 496 | 70 791 | 40 172 |
| WELDERS AND CUTTERS | 744 585 | 46 443 | 625 433 | 35 [illegible]24 | 76 240 | 8 613 | 7 187 | 345 | 7 313 | 507 | 28 412 | 1 454 |
| SOLDERERS AND BRAZERS | 7 469 | 26 457 | 5 963 | 2[illegible] 199 | 590 | 2 992 | 23 | 192 | 165 | 684 | 728 | 1 390 |
| ASSEMBLERS. | 858 562 | 841 158 | 672 829 | [illegible]6 356 | 130 198 | 131 517 | 4 532 | 5 276 | 12 154 | 22 289 | 38 829 | 35 720 |
| HAND CUTTING AND TRIMMING OCCUPATIONS | 11 028 | 6 956 | 8 679 | 4 839 | [illegible] 391 | 1 201 | 85 | 41 | 202 | 499 | 671 | 376 |
| HAND MOLDING, CASTING, AND FORMING OCCUPATIONS. | 12 127 | 6 198 | 9 992 | 5 358 | 1 395 | 527 | 81 | 58 | 119 | 69 | 540 | 186 |
| HAND PAINTING, COATING, & DECORATING OCCUPATIONS. | 29 670 | 11 245 | 25 039 | 9 396 | 2 970 | 1 298 | 256 | 106 | 460 | 137 | 945 | 308 |
| HAND ENGRAVING AND PRINTING OCCUPATIONS | 1 463 | 679 | 1 331 | 549 | 102 | 65 | 9 | 11 | - | 33 | 21 | 21 |
| HAND GRINDING AND POLISHING OCCUPATIONS | 2 027 | 831 | 1 596 | 598 | 252 | 109 | 16 | 14 | 35 | 44 | 128 | 66 |
| MISCELLANEOUS HAND WORKING OCCUPATIONS. | 12 697 | 12 560 | 10 605 | 10 039 | 1 398 | 1 470 | 89 | 166 | 88 | 234 | 517 | 651 |
| PRODUCTION INSPS., TESTERS, SAMPLERS, AND WEIGHERS. | 437 483 | 467 906 | 373 622 | 372 742 | 45 519 | 65 885 | 2 331 | 2 979 | 5 419 | 8 593 | 10 592 | 17 707 |
| PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS. | 348 489 | 375 129 | 300 883 | 304 432 | 35 003 | 52 821 | 1 608 | 2 188 | 3 935 | 5 868 | 7 060 | 9 820 |
| PRODUCTION TESTERS. | 39 631 | 19 361 | 34 365 | 15 714 | 3 387 | 2 481 | 164 | 81 | 864 | 486 | 851 | 599 |
| PRODUCTION SAMPLERS AND WEIGHERS. | 5 548 | 4 013 | 4 619 | 3 109 | 653 | 556 | 34 | 23 | 49 | 128 | 193 | 197 |
| GRADERS AND SORTERS, EXC. AGRICULTURAL. | 43 815 | 69 403 | 33 755 | 49 487 | 6 476 | 10 027 | 525 | 687 | 571 | 2 111 | 2 488 | 7 091 |

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## Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980—Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON. | | | | | | | | | | | | |
| OPERATORS, FABRICATORS, AND LABORERS--CON. | | | | | | | | | | | | |
| TRANS. AND MATERIAL MOVING OCCUPATIONS. . . . | 4 445 158 | 375 164 | 3 706 991 | 314 326 | 572 095 | 48 979 | 31 558 | 3 247 | 28 052 | 2 253 | 106 462 | 6 359 |
| MOTOR VEHICLE OPERATORS. . . . . | 2 980 161 | 299 364 | 2 468 007 | 254 017 | 404 106 | 37 629 | 19 079 | 2 660 | 20 145 | 1 522 | 68 824 | 3 536 |
| SUPERVISORS, MOTOR VEHICLE OPERATORS. . . . . | 30 566 | 2 083 | 27 520 | 1 908 | 2 310 | 111 | 139 | 7 | 185 | 51 | 412 | 6 |
| TRUCK DRIVERS, HEAVY. . . . . | 1 852 443 | 44 082 | 1 556 128 | 36 407 | 236 985 | 6 235 | 12 860 | 598 | 7 492 | 192 | 38 978 | 650 |
| TRUCK DRIVERS, LIGHT. . . . . | 512 671 | 37 489 | 434 977 | 33 404 | 56 125 | 2 891 | 2 402 | 347 | 4 793 | 255 | 14 374 | 592 |
| DRIVER-SALES WORKERS. . . . . | 170 934 | 13 874 | 157 639 | 12 359 | 9 375 | 1 185 | 511 | 107 | 989 | 92 | 2 420 | 131 |
| BUS DRIVERS . . . . . | 209 379 | 176 955 | 149 130 | 150 636 | 52 061 | 22 652 | 1 720 | 1 245 | 2 299 | 696 | 4 169 | 1 726 |
| TAXICAB DRIVERS AND CHAUFFEURS. . . . . | 166 990 | 21 603 | 117 214 | 16 801 | 38 601 | 3 974 | 1 219 | 327 | 3 401 | 163 | 6 555 | 338 |
| PARKING LOT ATTENDANTS. . . . . | 33 740 | 3 069 | 22 687 | 2 349 | 8 138 | 525 | 179 | 29 | 925 | 73 | 1 811 | 93 |
| MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.. . . . | 3 438 | 209 | 2 712 | 153 | 511 | 56 | 49 | - | 61 | - | 105 | - |
| TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE. . | 283 604 | 5 523 | 255 139 | 4 609 | 22 075 | 708 | 1 759 | 95 | 1 298 | 47 | 3 333 | 64 |
| RAIL TRANSPORTATION OCCUPATIONS . . . . . | 209 072 | 3 468 | 187 996 | 2 907 | 17 483 | 475 | 893 | 31 | 338 | 24 | 2 362 | 31 |
| RAILROAD CONDUCTORS AND YARDMASTERS . . . . . | 46 531 | 763 | 43 549 | 676 | 2 510 | 66 | 123 | 5 | 50 | 9 | 299 | 7 |
| LOCOMOTIVE OPERATING OCCUPATIONS. . . . . | 71 866 | 1 232 | 64 279 | 988 | 6 439 | 216 | 307 | 16 | 149 | 5 | 692 | 7 |
| RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS. . | 81 736 | 1 183 | 72 370 | 1 024 | 7 622 | 124 | 387 | 8 | 103 | 10 | 1 254 | 17 |
| RAIL VEHICLE OPERATORS, N.E.C.. . . . . | 8 939 | 290 | 7 798 | 219 | 912 | 69 | 76 | 2 | 36 | - | 117 | - |
| WATER TRANSPORTATION OCCUPATIONS. . . . . | 74 532 | 2 055 | 67 143 | 1 702 | 4 592 | 233 | 866 | 64 | 960 | 23 | 971 | 33 |
| SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS . | 32 759 | 652 | 31 084 | 536 | 821 | 59 | 445 | 15 | 208 | 19 | 201 | 23 |
| SAILORS AND DECKHANDS . . . . . | 33 340 | 890 | 28 372 | 720 | 3 243 | 113 | 350 | 43 | 681 | 4 | 694 | 10 |
| MARINE ENGINEERS. . . . . | 3 681 | 78 | 3 336 | 59 | 204 | 19 | 32 | - | 64 | - | 45 | - |
| BRIDGE, LOCK, AND LIGHTHOUSE TENDERS. . . . . | 4 752 | 435 | 4 351 | 387 | 324 | 42 | 39 | 6 | 7 | - | 31 | - |
| MATERIAL MOVING EQUIPMENT OPERATORS . . . . . | 1 181 393 | 70 277 | 983 845 | 55 700 | 145 914 | 10 642 | 10 720 | 492 | 6 609 | 684 | 34 305 | 2 759 |
| SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS. | 29 418 | 1 252 | 26 417 | 1 147 | 2 106 | 82 | 126 | 11 | 231 | 6 | 538 | 6 |
| OPERATING ENGINEERS . . . . . | 235 587 | 3 239 | 211 761 | 2 519 | 14 702 | 479 | 3 290 | 94 | 1 269 | 56 | 4 565 | 91 |
| LONGSHORE EQUIPMENT OPERATORS . . . . . | 4 137 | 128 | 2 370 | 104 | 1 424 | 20 | 62 | - | 159 | - | 122 | 4 |
| HOIST AND WINCH OPERATORS . . . . . | 31 166 | 723 | 27 780 | 645 | 1 676 | 46 | 493 | 13 | 104 | 15 | 1 113 | 4 |
| CRANE AND TOWER OPERATORS . . . . . | 128 622 | 2 751 | 105 175 | 1 902 | 19 257 | 716 | 685 | 32 | 604 | 35 | 2 901 | 66 |
| EXCAVATING AND LOADING MACHINE OPERATORS. . . . | 81 413 | 1 505 | 74 531 | 1 305 | 4 343 | 115 | 834 | 6 | 224 | - | 1 481 | 79 |
| GRADER, DOZER, AND SCRAPER OPERATORS. . . . . | 79 567 | 1 013 | 72 681 | 758 | 4 874 | 198 | 813 | 32 | 173 | 9 | 1 026 | 16 |
| INDUSTRIAL TRUCK & TRACTOR EQUIPMENT OPERATORS. | 415 004 | 20 408 | 318 321 | 16 382 | 73 733 | 3 144 | 3 312 | 150 | 2 664 | 165 | 16 974 | 567 |
| MISC. MATERIAL MOVING EQUIPMENT OPERATORS . . . | 176 479 | 39 258 | 144 809 | 30 938 | 23 799 | 5 842 | 1 105 | 154 | 1 181 | 398 | 5 585 | 1 926 |
| HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS . . . . . | 4 076 776 | 1 009 308 | 3 190 496 | 778 677 | 645 449 | 163 588 | 35 796 | 7 546 | 41 292 | 15 999 | 163 743 | 43 498 |
| SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C. . . . . | 8 642 | 1 578 | 7 327 | 1 212 | 1 145 | 331 | 37 | 9 | 64 | 13 | 69 | 13 |
| HELPERS, MECHANICS AND REPAIRERS. . . . . | 26 578 | 1 499 | 20 938 | 1 158 | 3 716 | 258 | 265 | 22 | 381 | 18 | 1 278 | 43 |
| HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS. | 152 101 | 6 819 | 126 152 | 5 398 | 16 876 | 973 | 1 670 | 149 | 928 | 62 | 6 475 | 237 |
| HELPERS, CONSTRUCTION TRADES. . . . . | 121 487 | 4 665 | 98 797 | 3 591 | 15 129 | 781 | 1 204 | 88 | 767 | 41 | 5 590 | 164 |
| HELPERS, SURVEYOR . . . . . | 10 326 | 760 | 9 498 | 633 | 461 | 69 | 122 | 37 | 78 | 16 | 167 | 5 |
| HELPERS, EXTRACTIVE OCCUPATIONS . . . . . | 20 288 | 1 394 | 17 857 | 1 174 | 1 286 | 123 | 344 | 24 | 83 | 5 | 718 | 68 |
| CONSTRUCTION LABORERS . . . . . | 833 937 | 27 286 | 635 005 | 20 079 | 145 413 | 5 521 | 9 568 | 539 | 4 898 | 208 | 39 053 | 939 |
| PRODUCTION HELPERS. . . . . | 98 971 | 22 012 | 77 310 | 16 432 | 14 629 | 4 114 | 771 | 120 | 1 384 | 552 | 4 877 | 794 |
| FREIGHT, STOCK, AND MATERIAL HANDLERS . . . . . | 1 180 774 | 213 194 | 953 653 | 178 061 | 172 285 | 26 271 | 7 319 | 1 412 | 13 521 | 2 856 | 33 996 | 4 594 |
| GARBAGE COLLECTORS. . . . . | 74 302 | 2 275 | 44 718 | 1 210 | 25 719 | 964 | 622 | 28 | 402 | 27 | 2 841 | 46 |
| STEVEDORES. . . . . | 21 684 | 318 | 12 806 | 151 | 7 556 | 130 | 135 | 5 | 332 | - | 855 | 32 |
| STOCK HANDLERS AND BAGGERS. . . . . | 560 360 | 148 988 | 487 830 | 130 624 | 46 198 | 12 284 | 2 549 | 884 | 9 100 | 2 239 | 14 683 | 2 957 |
| MACHINE FEEDERS AND OFFBEARERS. . . . . | 77 403 | 35 238 | 59 937 | 26 910 | 14 188 | 6 827 | 669 | 277 | 476 | 312 | 2 133 | 912 |
| FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C. . . | 447 025 | 26 375 | 348 362 | 19 166 | 78 624 | 6 066 | 3 344 | 218 | 3 211 | 278 | 13 484 | 647 |
| GARAGE AND SERVICE STATION RELATED OCCUPATIONS. . . | 314 550 | 27 125 | 275 554 | 24 469 | 26 121 | 1 801 | 2 136 | 281 | 4 139 | 291 | 6 600 | 283 |
| VEHICLE WASHERS AND EQUIPMENT CLEANERS. . . . . | 125 600 | 22 301 | 92 097 | 16 275 | 25 313 | 4 760 | 913 | 191 | 1 307 | 320 | 5 970 | 755 |
| HAND PACKERS AND PACKAGERS. . . . . | 206 834 | 415 925 | 150 659 | 320 586 | 36 208 | 61 748 | 1 294 | 2 256 | 3 210 | 7 374 | 15 463 | 23 961 |
| LABORERS, EXCEPT CONSTRUCTION . . . . . | 1 128 789 | 271 569 | 851 801 | 195 007 | 203 743 | 57 811 | 11 823 | 2 567 | 11 460 | 4 305 | 49 962 | 11 879 |
| MANUFACTURING . . . . . | 486 417 | 152 679 | 362 358 | 109 779 | 93 537 | 32 515 | 3 416 | 1 121 | 3 866 | 2 204 | 23 240 | 7 060 |
| NONDURABLE GOODS. . . . . | 184 042 | 80 943 | 134 308 | 57 426 | 36 966 | 17 773 | 1 451 | 651 | 2 009 | 1 382 | 9 308 | 3 711 |
| DURABLE GOODS . . . . . | 302 375 | 71 736 | 228 050 | 52 353 | 56 571 | 14 742 | 1 965 | 470 | 1 857 | 822 | 13 932 | 3 349 |
| TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES. . | 155 580 | 12 013 | 111 897 | 8 297 | 33 456 | 3 027 | 2 239 | 107 | 1 122 | 155 | 6 866 | 427 |
| WHOLESALE AND RETAIL TRADE. . . . . | 280 285 | 61 640 | 225 689 | 46 187 | 37 714 | 11 310 | 1 896 | 382 | 4 001 | 1 210 | 10 985 | 2 551 |
| ALL OTHER INDUSTRIES. . . . . | 206 507 | 45 237 | 151 857 | 30 744 | 39 036 | 10 959 | 4 272 | 957 | 2 471 | 736 | 8 871 | 1 841 |
| UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975. | 300 935 | 430 806 | 181 690 | 273 625 | 95 061 | 126 488 | 3 120 | 4 024 | 5 766 | 8 324 | 15 298 | 18 345 |

## Table 3. Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES

| | TOTAL | | SPANISH ORIGIN[1] | | NOT OF SPANISH ORIGIN | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| TOTAL, 16 YEARS AND OVER | 59 926 488 | 44 523 329 | 3 593 058 | 2 399 665 | 49 800 137 | 35 877 061 | 5 254 596 | 5 152 629 | 311 862 | 234 595 | 908 824 | 787 596 | 58 011 | 41 783 |
| LESS THAN 12 YEARS OF SCHOOL | 16 222 652 | 10 159 951 | 1 859 659 | 1 048 310 | 11 916 566 | 7 193 448 | 2 153 332 | 1 668 899 | 117 563 | 75 040 | 159 594 | 162 242 | 15 938 | 12 012 |
| 12 YEARS OF SCHOOL | 21 080 014 | 18 733 366 | 928 994 | 792 799 | 18 037 320 | 15 650 023 | 1 783 713 | 1 959 513 | 109 984 | 93 227 | 204 498 | 223 956 | 15 505 | 13 848 |
| 13 TO 15 YEARS OF SCHOOL | 10 858 576 | 8 853 090 | 513 530 | 383 642 | 9 231 167 | 7 236 068 | 860 565 | 1 006 562 | 87 288 | 48 448 | 183 566 | 169 200 | 12 460 | 9 170 |
| 16 YEARS OF SCHOOL | 5 961 883 | 3 928 845 | 133 433 | 93 737 | 5 421 115 | 3 387 277 | 244 072 | 312 108 | 13 313 | 9 943 | 144 207 | 122 234 | 5 743 | 3 546 |
| 17 OR MORE YEARS OF SCHOOL | 5 803 363 | 2 848 077 | 157 442 | 81 177 | 5 193 969 | 2 410 245 | 212 914 | 235 547 | 13 714 | 7 937 | 216 959 | 109 964 | 8 365 | 3 207 |
| TOTAL, 16 TO 19 YEARS | 4 327 040 | 3 821 588 | 322 342 | 242 718 | 3 539 676 | 3 158 932 | 387 378 | 350 875 | 27 302 | 22 529 | 46 135 | 42 519 | 4 207 | 4 015 |
| LESS THAN 12 YEARS OF SCHOOL | 2 744 650 | 2 049 147 | 236 360 | 150 859 | 2 195 828 | 1 670 892 | 264 468 | 189 484 | 18 946 | 13 934 | 26 579 | 21 636 | 2 469 | 2 342 |
| 12 YEARS OF SCHOOL | 1 355 987 | 1 456 739 | 73 604 | 75 985 | 1 152 641 | 1 226 417 | 106 607 | 130 885 | 7 536 | 7 495 | 14 216 | 14 543 | 1 383 | 1 414 |
| 13 TO 15 YEARS OF SCHOOL | 225 867 | 315 190 | 12 358 | 15 835 | 190 768 | 261 211 | 16 257 | 30 469 | 811 | 1 100 | 5 322 | 6 316 | 351 | 259 |
| 16 YEARS OF SCHOOL | 408 | 466 | 20 | 39 | 321 | 366 | 46 | 37 | 3 | - | 18 | 24 | - | - |
| 17 OR MORE YEARS OF SCHOOL | 128 | 46 | - | - | 118 | 46 | - | - | 6 | - | - | - | 4 | - |
| TOTAL, 20 TO 24 YEARS | 8 263 921 | 7 159 960 | 638 991 | 449 918 | 6 637 539 | 5 709 709 | 823 439 | 849 409 | 52 818 | 41 412 | 101 583 | 101 317 | 9 551 | 8 195 |
| LESS THAN 12 YEARS OF SCHOOL | 1 592 999 | 802 539 | 278 488 | 130 170 | 1 049 035 | 507 112 | 233 367 | 144 144 | 17 183 | 8 984 | 12 847 | 10 677 | 2 079 | 1 452 |
| 12 YEARS OF SCHOOL | 3 792 265 | 3 219 990 | 223 181 | 181 352 | 3 137 364 | 2 606 559 | 372 417 | 379 334 | 24 389 | 19 980 | 31 531 | 29 725 | 3 383 | 3 040 |
| 13 TO 15 YEARS OF SCHOOL | 2 142 726 | 2 292 112 | 116 543 | 115 799 | 1 788 734 | 1 857 477 | 183 092 | 263 087 | 9 799 | 10 863 | 41 626 | 42 177 | 2 932 | 2 709 |
| 16 YEARS OF SCHOOL | 584 405 | 712 315 | 14 579 | 17 483 | 529 337 | 626 108 | 28 188 | 53 132 | 1 017 | 1 279 | 10 510 | 13 548 | 774 | 765 |
| 17 OR MORE YEARS OF SCHOOL | 151 526 | 133 004 | 6 200 | 5 114 | 133 069 | 112 453 | 6 375 | 9 712 | 430 | 306 | 5 069 | 5 190 | 383 | 229 |
| TOTAL, 25 TO 29 YEARS | 8 619 669 | 6 484 535 | 611 017 | 394 541 | 6 970 525 | 5 037 372 | 836 045 | 853 663 | 50 754 | 38 550 | 139 532 | 132 301 | 11 796 | 8 108 |
| LESS THAN 12 YEARS OF SCHOOL | 1 250 521 | 698 572 | 254 250 | 124 870 | 772 055 | 404 609 | 195 077 | 144 496 | 12 799 | 7 280 | 14 324 | 15 887 | 2 016 | 1 430 |
| 12 YEARS OF SCHOOL | 3 195 756 | 2 531 940 | 181 183 | 141 559 | 2 614 839 | 1 976 187 | 346 874 | 365 841 | 20 930 | 16 712 | 28 872 | 29 254 | 3 058 | 2 387 |
| 13 TO 15 YEARS OF SCHOOL | 2 094 412 | 1 591 880 | 117 453 | 82 732 | 1 728 612 | 1 250 395 | 195 791 | 212 610 | 12 226 | 10 431 | 36 891 | 33 431 | 3 439 | 2 281 |
| 16 YEARS OF SCHOOL | 1 224 142 | 1 033 079 | 30 611 | 26 296 | 1 098 325 | 886 647 | 64 851 | 87 662 | 2 670 | 2 577 | 26 190 | 28 739 | 1 495 | 1 158 |
| 17 OR MORE YEARS OF SCHOOL | 854 838 | 609 064 | 27 520 | 19 084 | 756 694 | 519 534 | 33 452 | 43 054 | 2 129 | 1 550 | 33 255 | 24 990 | 1 788 | 852 |
| TOTAL, 30 TO 34 YEARS | 8 035 553 | 5 647 299 | 513 625 | 330 945 | 6 592 183 | 4 397 140 | 717 892 | 741 476 | 46 089 | 34 788 | 155 870 | 136 815 | 9 894 | 6 135 |
| LESS THAN 12 YEARS OF SCHOOL | 1 160 683 | 756 784 | 221 532 | 123 670 | 732 251 | 452 157 | 180 298 | 152 355 | 10 995 | 7 840 | 13 756 | 19 472 | 1 851 | 1 290 |
| 12 YEARS OF SCHOOL | 2 579 525 | 2 331 754 | 131 799 | 117 383 | 2 130 126 | 1 853 925 | 272 792 | 313 485 | 16 875 | 14 478 | 25 727 | 30 394 | 2 206 | 2 089 |
| 13 TO 15 YEARS OF SCHOOL | 1 870 915 | 1 252 612 | 96 627 | 57 458 | 1 561 922 | 986 370 | 165 825 | 170 394 | 12 282 | 8 536 | 31 955 | 28 507 | 2 304 | 1 347 |
| 16 YEARS OF SCHOOL | 1 189 947 | 676 855 | 29 749 | 15 569 | 1 070 011 | 573 029 | 59 614 | 56 138 | 2 962 | 2 182 | 32 197 | 29 266 | 1 414 | 671 |
| 17 OR MORE YEARS OF SCHOOL | 1 234 483 | 629 294 | 33 918 | 16 865 | 1 097 873 | 531 659 | 45 363 | 49 104 | 2 975 | 1 752 | 52 235 | 29 176 | 2 119 | 738 |
| TOTAL, 35 TO 39 YEARS | 6 334 497 | 4 574 280 | 376 791 | 254 097 | 5 243 085 | 3 624 406 | 548 371 | 563 358 | 35 997 | 27 622 | 124 073 | 100 608 | 6 180 | 4 189 |
| LESS THAN 12 YEARS OF SCHOOL | 1 229 649 | 813 962 | 186 941 | 112 998 | 833 337 | 518 863 | 184 353 | 156 399 | 11 521 | 7 994 | 12 063 | 16 617 | 1 434 | 1 091 |
| 12 YEARS OF SCHOOL | 2 237 539 | 2 038 954 | 91 343 | 83 800 | 1 907 230 | 1 687 215 | 204 670 | 230 497 | 12 776 | 11 281 | 20 086 | 24 860 | 1 434 | 1 301 |
| 13 TO 15 YEARS OF SCHOOL | 1 159 738 | 874 367 | 55 682 | 36 405 | 982 462 | 706 834 | 93 326 | 107 061 | 7 349 | 5 780 | 19 795 | 17 381 | 1 124 | 906 |
| 16 YEARS OF SCHOOL | 726 653 | 425 028 | 17 363 | 9 592 | 651 220 | 359 495 | 31 028 | 33 801 | 1 998 | 1 254 | 24 381 | 20 473 | 663 | 413 |
| 17 OR MORE YEARS OF SCHOOL | 980 918 | 421 969 | 25 462 | 11 302 | 868 836 | 351 999 | 34 994 | 35 600 | 2 353 | 1 313 | 47 748 | 21 277 | 1 525 | 478 |
| TOTAL, 40 TO 69 YEARS | 23 501 469 | 16 344 048 | 1 105 504 | 714 850 | 20 071 119 | 13 509 203 | 1 880 603 | 1 771 340 | 96 573 | 68 351 | 331 660 | 269 446 | 16 010 | 10 858 |
| LESS THAN 12 YEARS OF SCHOOL | 7 795 680 | 4 776 175 | 664 035 | 396 390 | 5 959 854 | 3 430 207 | 1 047 515 | 841 994 | 44 489 | 28 136 | 73 903 | 75 190 | 5 884 | 4 258 |
| 12 YEARS OF SCHOOL | 7 758 238 | 7 023 508 | 224 593 | 190 711 | 6 945 643 | 6 179 270 | 476 425 | 532 733 | 27 100 | 23 058 | 82 522 | 94 203 | 3 955 | 3 533 |
| 13 TO 15 YEARS OF SCHOOL | 3 271 231 | 2 461 227 | 113 617 | 74 711 | 2 890 334 | 2 112 547 | 203 053 | 219 808 | 14 687 | 11 566 | 47 244 | 40 946 | 2 296 | 1 649 |
| 16 YEARS OF SCHOOL | 2 173 016 | 1 052 391 | 40 320 | 24 571 | 2 011 787 | 914 853 | 64 832 | 79 857 | 4 577 | 2 643 | 30 145 | 29 943 | 1 355 | 524 |
| 17 OR MORE YEARS OF SCHOOL | 2 503 304 | 1 030 747 | 62 939 | 28 467 | 2 263 501 | 872 326 | 90 778 | 96 948 | 5 720 | 2 948 | 77 846 | 29 164 | 2 520 | 894 |
| TOTAL, 70 YEARS AND OVER | 844 339 | 511 619 | 24 788 | 12 596 | 746 010 | 440 299 | 60 868 | 52 508 | 2 329 | 1 343 | 9 971 | 4 590 | 373 | 283 |
| LESS THAN 12 YEARS OF SCHOOL | 448 470 | 262 772 | 18 053 | 9 353 | 374 206 | 209 608 | 48 254 | 40 027 | 1 630 | 872 | 6 122 | 2 763 | 205 | 149 |
| 12 YEARS OF SCHOOL | 160 704 | 130 481 | 3 291 | 2 009 | 149 477 | 120 450 | 5 928 | 6 738 | 378 | 223 | 1 544 | 977 | 86 | 84 |
| 13 TO 15 YEARS OF SCHOOL | 93 687 | 65 702 | 1 250 | 702 | 88 335 | 61 234 | 3 221 | 3 133 | 134 | 172 | 733 | 442 | 14 | 19 |
| 16 YEARS OF SCHOOL | 63 312 | 28 711 | 791 | 187 | 60 114 | 26 779 | 1 513 | 1 481 | 86 | 8 | 766 | 241 | 42 | 15 |
| 17 OR MORE YEARS OF SCHOOL | 78 166 | 23 953 | 1 403 | 345 | 73 878 | 22 228 | 1 952 | 1 129 | 101 | 68 | 806 | 167 | 26 | 16 |

[1]PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

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## Table 4. Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT )

| UNITED STATES | TOTAL | | WHITE | | BLACK | | AMERICAN INDIAN, ESKIMO, AND ALEUT | | ASIAN AND PACIFIC ISLANDER | | RACE, N.E.C. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE | MALE | FEMALE |
| TOTAL, 16 YEARS AND OVER | 59 926 488 | 44 523 329 | 51 884 626 | 37 307 269 | 5 330 792 | 5 251 644 | 333 571 | 250 908 | 947 280 | 825 596 | 1 430 219 | 887 912 |
| LESS THAN 12 YEARS OF SCHOOL | 16 222 652 | 10 159 951 | 12 911 874 | 7 771 259 | 2 190 803 | 1 698 293 | 127 689 | 81 413 | 168 430 | 170 231 | 823 856 | 438 755 |
| 12 YEARS OF SCHOOL | 21 080 014 | 18 733 366 | 18 596 168 | 16 143 347 | 1 805 410 | 1 981 651 | 116 474 | 99 176 | 215 261 | 234 536 | 346 701 | 274 656 |
| 13 TO 15 YEARS OF SCHOOL | 10 858 576 | 8 853 090 | 9 553 401 | 7 476 901 | 871 704 | 1 018 719 | 61 129 | 51 557 | 193 337 | 178 275 | 179 005 | 127 638 |
| 16 YEARS OF SCHOOL | 5 961 883 | 3 928 845 | 5 514 833 | 3 450 474 | 246 877 | 315 042 | 13 863 | 10 349 | 148 145 | 127 914 | 38 165 | 25 066 |
| 17 OR MORE YEARS OF SCHOOL | 5 803 363 | 2 848 077 | 5 308 350 | 2 465 288 | 215 998 | 237 939 | 14 416 | 8 413 | 222 107 | 114 640 | 42 492 | 21 797 |
| TOTAL, 16 TO 19 YEARS | 4 327 040 | 3 821 588 | 3 723 280 | 3 299 319 | 393 790 | 356 351 | 29 623 | 24 531 | 49 033 | 45 693 | 131 314 | 95 694 |
| LESS THAN 12 YEARS OF SCHOOL | 2 744 650 | 2 049 147 | 2 326 551 | 1 755 939 | 269 180 | 192 809 | 20 725 | 15 077 | 28 259 | 23 190 | 99 935 | 62 132 |
| 12 YEARS OF SCHOOL | 1 355 987 | 1 456 739 | 1 197 645 | 1 271 856 | 108 070 | 132 581 | 8 034 | 8 274 | 15 202 | 15 736 | 27 036 | 28 292 |
| 13 TO 15 YEARS OF SCHOOL | 225 867 | 315 190 | 198 645 | 271 073 | 16 494 | 30 924 | 855 | 1 180 | 5 554 | 6 743 | 4 319 | 5 270 |
| 16 YEARS OF SCHOOL | 408 | 466 | 321 | 405 | 46 | 37 | 3 | - | 18 | 24 | 20 | - |
| 17 OR MORE YEARS OF SCHOOL | 128 | 46 | 118 | 46 | - | - | 6 | - | - | - | 4 | - |
| TOTAL, 20 TO 24 YEARS | 8 263 921 | 7 159 960 | 6 972 907 | 5 957 291 | 835 619 | 860 510 | 57 692 | 44 761 | 107 197 | 107 088 | 290 506 | 190 310 |
| LESS THAN 12 YEARS OF SCHOOL | 1 592 999 | 802 539 | 1 180 568 | 570 260 | 237 959 | 147 281 | 19 134 | 9 868 | 13 879 | 11 483 | 141 459 | 63 647 |
| 12 YEARS OF SCHOOL | 3 792 265 | 3 219 990 | 3 259 965 | 2 708 832 | 377 032 | 383 484 | 26 276 | 21 903 | 33 892 | 31 747 | 95 100 | 74 424 |
| 13 TO 15 YEARS OF SCHOOL | 2 142 726 | 2 292 112 | 1 856 557 | 1 925 094 | 185 589 | 266 266 | 10 742 | 11 685 | 43 492 | 44 454 | 46 346 | 44 613 |
| 16 YEARS OF SCHOOL | 584 405 | 712 315 | 538 831 | 637 534 | 28 506 | 53 656 | 1 059 | 1 358 | 10 743 | 14 047 | 5 266 | 5 720 |
| 17 OR MORE YEARS OF SCHOOL | 151 526 | 133 004 | 136 986 | 115 571 | 6 533 | 9 823 | 481 | 347 | 5 191 | 5 357 | 2 335 | 1 906 |
| TOTAL, 25 TO 29 YEARS | 8 619 669 | 6 484 535 | 7 291 610 | 5 256 841 | 847 620 | 864 187 | 56 739 | 41 656 | 145 761 | 139 224 | 279 939 | 162 627 |
| LESS THAN 12 YEARS OF SCHOOL | 1 250 521 | 698 572 | 893 364 | 467 608 | 199 207 | 147 419 | 14 092 | 8 167 | 15 273 | 16 889 | 128 585 | 58 489 |
| 12 YEARS OF SCHOOL | 3 195 756 | 2 531 940 | 2 711 880 | 2 056 606 | 350 632 | 369 717 | 22 355 | 17 858 | 30 769 | 31 170 | 80 120 | 36 589 |
| 13 TO 15 YEARS OF SCHOOL | 2 094 412 | 1 591 880 | 1 793 909 | 1 298 401 | 198 268 | 215 174 | 13 231 | 11 242 | 39 053 | 35 217 | 49 951 | 31 846 |
| 16 YEARS OF SCHOOL | 1 224 142 | 1 033 079 | 1 118 074 | 903 150 | 65 500 | 88 389 | 2 811 | 2 734 | 26 893 | 29 868 | 10 864 | 8 936 |
| 17 OR MORE YEARS OF SCHOOL | 854 838 | 609 064 | 774 383 | 531 076 | 34 013 | 43 488 | 2 250 | 1 655 | 33 773 | 26 080 | 10 419 | 6 765 |
| TOTAL, 30 TO 34 YEARS | 8 035 553 | 5 647 299 | 6 880 980 | 4 589 364 | 728 309 | 751 094 | 49 304 | 37 410 | 162 205 | 143 625 | 214 775 | 125 806 |
| LESS THAN 12 YEARS OF SCHOOL | 1 160 683 | 756 784 | 843 409 | 516 412 | 184 164 | 155 476 | 12 053 | 8 691 | 14 731 | 20 557 | 106 326 | 55 648 |
| 12 YEARS OF SCHOOL | 2 579 525 | 2 331 754 | 2 206 051 | 1 925 320 | 276 010 | 317 065 | 17 969 | 15 367 | 27 214 | 32 065 | 52 281 | 41 937 |
| 13 TO 15 YEARS OF SCHOOL | 1 870 915 | 1 252 612 | 1 620 551 | 1 021 973 | 167 960 | 172 296 | 13 020 | 9 207 | 33 782 | 30 169 | 35 602 | 19 017 |
| 16 YEARS OF SCHOOL | 1 189 947 | 676 855 | 1 090 094 | 583 029 | 54 151 | 56 713 | 3 116 | 2 256 | 33 083 | 30 647 | 9 503 | 4 210 |
| 17 OR MORE YEARS OF SCHOOL | 1 234 483 | 629 294 | 1 120 855 | 542 630 | 46 024 | 49 594 | 3 146 | 1 889 | 53 395 | 30 187 | 11 063 | 4 994 |
| TOTAL, 35 TO 39 YEARS | 6 334 497 | 4 574 280 | 5 466 520 | 3 778 441 | 556 144 | 570 894 | 38 114 | 29 153 | 128 939 | 105 897 | 144 780 | 89 895 |
| LESS THAN 12 YEARS OF SCHOOL | 1 229 649 | 813 962 | 932 100 | 579 941 | 188 021 | 159 539 | 12 456 | 8 590 | 12 798 | 17 404 | 84 274 | 48 488 |
| 12 YEARS OF SCHOOL | 2 237 539 | 2 038 954 | 1 964 043 | 1 741 774 | 206 858 | 232 939 | 13 320 | 11 838 | 21 303 | 26 091 | 32 015 | 26 312 |
| 13 TO 15 YEARS OF SCHOOL | 1 159 738 | 874 367 | 1 019 616 | 731 276 | 94 509 | 108 282 | 7 808 | 6 073 | 20 985 | 18 511 | 16 820 | 10 225 |
| 16 YEARS OF SCHOOL | 726 653 | 425 028 | 663 482 | 365 752 | 31 379 | 34 142 | 2 036 | 1 276 | 25 107 | 21 624 | 4 649 | 2 234 |
| 17 OR MORE YEARS OF SCHOOL | 980 918 | 421 969 | 887 279 | 359 698 | 35 377 | 35 992 | 2 494 | 1 376 | 48 746 | 22 267 | 7 022 | 2 636 |
| TOTAL, 40 TO 69 YEARS | 23 501 469 | 16 344 048 | 20 785 939 | 13 977 101 | 1 907 687 | 1 795 396 | 101 671 | 71 993 | 343 572 | 279 329 | 362 600 | 220 229 |
| LESS THAN 12 YEARS OF SCHOOL | 7 795 680 | 4 776 175 | 6 349 701 | 3 665 359 | 1 063 416 | 855 221 | 47 536 | 30 103 | 76 996 | 77 862 | 258 031 | 147 630 |
| 12 YEARS OF SCHOOL | 7 758 238 | 7 023 508 | 7 104 507 | 6 317 026 | 480 805 | 539 023 | 28 134 | 24 102 | 85 239 | 96 703 | 59 553 | 46 654 |
| 13 TO 15 YEARS OF SCHOOL | 3 271 231 | 2 461 227 | 2 974 826 | 2 167 274 | 205 631 | 222 661 | 15 329 | 11 993 | 49 646 | 42 728 | 25 799 | 16 571 |
| 16 YEARS OF SCHOOL | 2 173 016 | 1 052 391 | 2 043 231 | 933 699 | 65 767 | 80 598 | 4 752 | 2 717 | 51 523 | 31 456 | 7 743 | 3 921 |
| 17 OR MORE YEARS OF SCHOOL | 2 503 304 | 1 030 747 | 2 313 674 | 893 743 | 92 068 | 97 893 | 5 920 | 3 078 | 80 168 | 30 580 | 11 474 | 5 453 |
| TOTAL, 70 YEARS AND OVER | 844 339 | 511 619 | 763 410 | 448 912 | 61 623 | 53 212 | 2 428 | 1 404 | 10 573 | 4 740 | 6 305 | 3 351 |
| LESS THAN 12 YEARS OF SCHOOL | 448 470 | 262 772 | 386 181 | 215 740 | 48 856 | 40 548 | 1 693 | 917 | 6 494 | 2 846 | 5 246 | 2 721 |
| 12 YEARS OF SCHOOL | 160 704 | 130 481 | 152 077 | 121 933 | 6 003 | 6 842 | 386 | 234 | 1 642 | 1 024 | 596 | 448 |
| 13 TO 15 YEARS OF SCHOOL | 93 687 | 65 702 | 89 297 | 61 810 | 3 253 | 3 166 | 144 | 177 | 825 | 453 | 168 | 96 |
| 16 YEARS OF SCHOOL | 63 312 | 28 711 | 60 800 | 26 905 | 1 528 | 1 507 | 86 | 8 | 778 | 248 | 120 | 43 |
| 17 OR MORE YEARS OF SCHOOL | 78 166 | 23 953 | 75 055 | 22 524 | 1 983 | 1 149 | 119 | 68 | 834 | 169 | 175 | 43 |

* U.S. GOVERNMENT PRINTING OFFICE: 1983-361-956:1066